

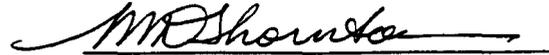
DCN 1058

BRAC-95 CERTIFICATION

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

MICHAEL D. THORNTON
NAME (Please type or print)

CDR, CEC, USN
Title



Signature



Date

MILCON PROGRAMMING DIVISION
Division

NAVAL FACILITIES ENGINEERING COMMAND
Activity

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

MAJOR CLAIMANT LEVEL

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

COMMANDER
Title

NAVAL FACILITIES ENGINEERING COMMAND
Activity



Signature
12/9/94

Date

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

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

W. A. EARNER

NAME (Please type or print)

Title



Signature
12/17/94

Date

Document Separator

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9 Dec 94
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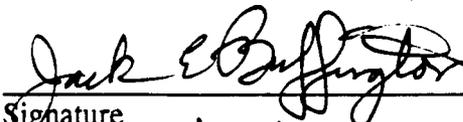
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DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

W. A. EARNER

NAME (Please type or print)

Title


Signature
2/18/94
Date

BRAC-95 CERTIFICATION

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

MARK E. DONALDSON
NAME (Please type or print)


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.

Document Separator

**DATA CALL 64
CONSTRUCTION COST AVOIDANCES**

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

Installation Name:		YORKTOWN VA NWS		
Unit Identification Code (UIC):		N00109	# 106	
Major Claimant:		NAVSEA		
Project FY	Project No.	Description	Appn	Project Cost Avoid (\$000)
1996	461	EOD OPS FAC	MCON	1,300
		Sub-Total - 1996		1,300
1997	416	TOMAHAWK MISSILE MAGAZINE	MCON	2,800
1997	427	HARPOON MISSILE MAGS	MCON	6,000
1997	501	MK-48 ADCAP MAGAZINE	MCON	3,260
1997	507	AIWS MAGAZINES	MCON	2,990
		Sub-Total - 1997		15,050
1998	436	AMRAAM MAGAZINE	MCON	2,200
1998	518	AUTO VEH MAINT SHOP	MCON	2,900
		Sub-Total - 1998		5,100
1999	397	FAMILY SERVICES CENTER	MCON	1,250
1999	502	MK-48 ADCAP MAGAZINE	MCON	6,580
1999	508	MISSILE MAGAZINES	MCON	6,370
1999	509	STANDARD MISSILE MAGS	MCON	7,570
1999	708	RECREATIONAL FACs	MCON	4,370
		Sub-Total - 1999		26,140

DATA CALL 64

CONSTRUCTION COST AVOIDANCES

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

Installation Name:		YORKTOWN VA NWS		
Unit Identification Code (UIC):		N00109	# 106	
Major Claimant:		NAVSEA		
Project FY	Project No.	Description	Appn	Project Cost Avoid (\$000)
2000	398	CHILD DEVELOPMENT CENTER	MCON	1,510
2000	453	TOMAHAWK MISSILE MAGAZINE	MCON	3,300
2000	532	BACHELOR ENLISTED QTRS	MCON	6,400
2000	534	SUSPECT CARGO HOLDING AREA	MCON	1,000
2000	538	WATER DIST SYS IMPROVE	MCON	6,610
2000	539	INDUS WATER DISTR SYS IMPV	MCON	6,200
		Sub-Total - 2000		25,020
2001	498	SANITARY SEWAGE LINES	MCON	6,770
		Sub-Total - 2001		6,770
		Grand Total		79,380

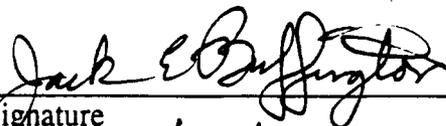
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J. E. BUFFINGTON, RADM, CEC, USN
NAME (Please type or print)

COMMANDER
Title

NAVAL FACILITIES ENGINEERING COMMAND
Activity


Signature
2/13/94
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DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

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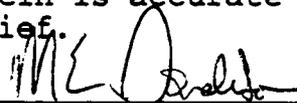
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MILCON PROGRAMMING DIVISION
Division

FACILITIES PROGRAMMING AND CONSTRUCTION DIRECTORATE
Department

NAVAL FACILITIES ENGINEERING COMMAND
Activity


Signature
12 July 1994
Date

Enclosure (1)

**BRAC DATA CALL NUMBER 64
CONSTRUCTION COST AVOIDANCE**

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**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	.....	COMNAVSEASYSKOM (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. 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**

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Table of Acronyms

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

DATA CALL WORK SHEET FOR MILITARY VALUE ANALYSIS**NAVAL WEAPONS STATIONS, NAVAL MAGAZINES,
AND STRATEGIC WEAPONS FACILITIES**Primary Activity UIC: 00109

(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	88,368	*	88,368	*

* Tonnage will be determined by what we are directed to stow by higher authority (DOE, CINCLANT, JC'S & PROGRAM MANAGERS).

1.2 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

Ordnance Category	FY 1991	FY 1992	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997	FY 1999	FY 2001
LOE									
Threat									
Nuclear	*	*	*	*	*	*	*	*	*
Other									
Total									

* NO SUPPORTING DOCUMENTATION AVAILABLE.

DATA CALL WORK SHEET FOR MILITARY VALUE ANALYSIS

NAVAL WEAPONS STATIONS, NAVAL MAGAZINES, AND STRATEGIC WEAPONS FACILITIES

Primary Activity UIC: 00109

(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 (R)

	Present Storage		FY 2001	
	SF	Tons	SF	Tons
Total Storage	637,404	32,770	695,004	35,731

Ref: Data Call #25, Table 2.2

Note: Table data revised 27 SEP 94.

1.2 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

Ordnance Category	FY 1991	FY 1992	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997	FY 1999	FY 2001
LOE	92%	92%	91%	91%	90%	90%	90%	90%	90%
Threat	100%	95%	91%	91%	90%	90%	88%	87%	87%
*Nuclear									
Other	0	0	0	0	0	0	0	0	0
Total	97%	94%	91%	91%	90%	90%	89%	89%	89%

* NOTE: Classified data reported separately.

Note: Fraction of storage in use is SF utilization per NAVSEAINST 8024.2

DATA CALL WORK SHEET FOR MILITARY VALUE ANALYSIS**NAVAL WEAPONS STATIONS, NAVAL MAGAZINES,
AND STRATEGIC WEAPONS FACILITIES**Primary Activity UIC: 00109

(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	615,529	27,479	686,408	31,025

NOTE: The calculation of tons for threat weapons was actual weight per Ordnance Management System x number of units / 2000 pounds. The calculation of tons for LOE was based upon number of standard fleet issue loads. Each palletized fleet issue load approximates one short ton.

1.2 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**

Ordnance Category	FY 1991	FY 1992	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997	FY 1999	FY 2001
LOE	92%	92%	91%	91%	90%	90%	90%	90%	90%
Threat	100%	95%	91%	91%	90%	90%	88%	87%	87%
*Nuclear									
Other	0	0	0	0	0	0	0	0	0

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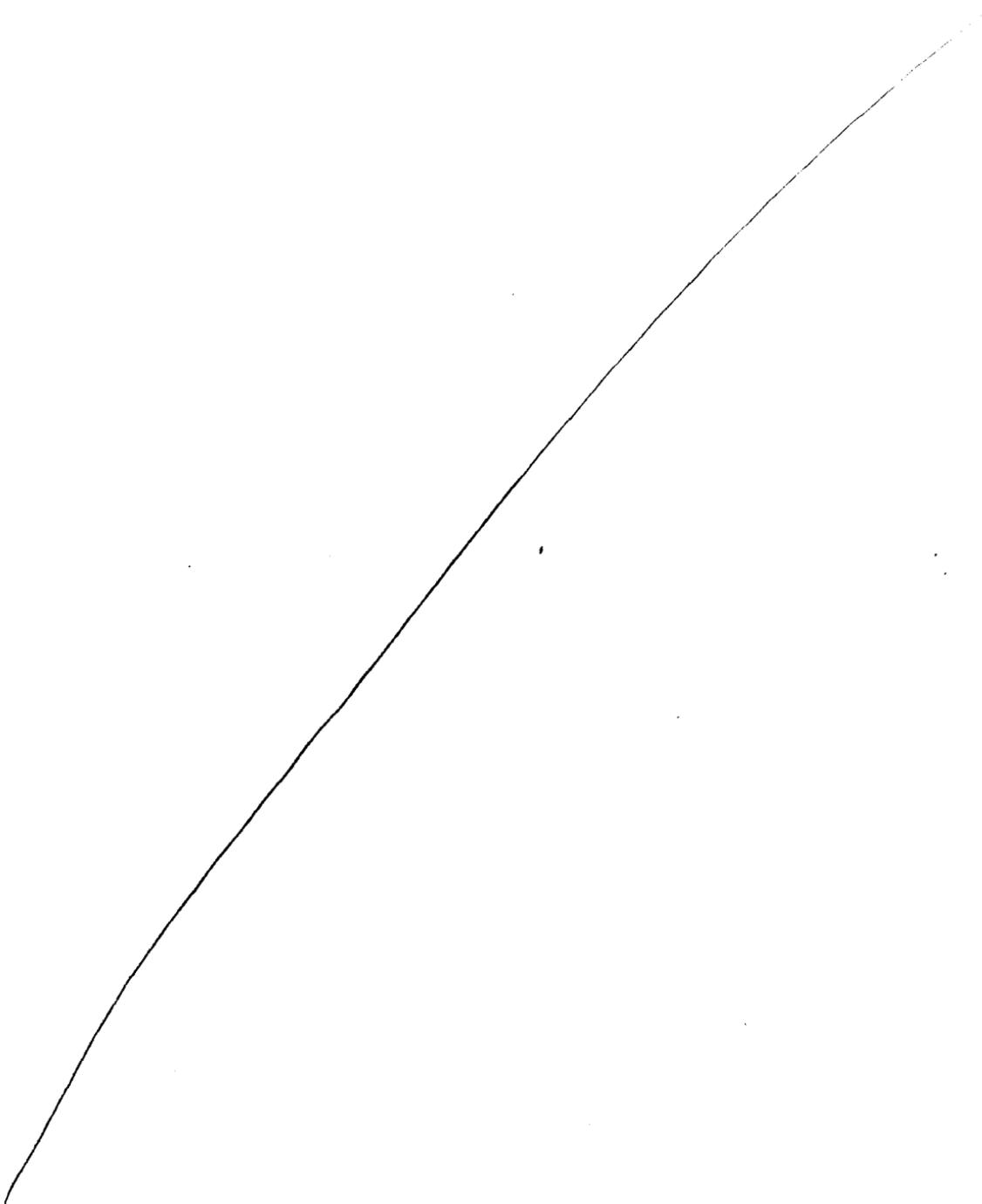
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Total	97%	94%	91%	91%	90%	90%	89%	89%	89%
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* NOTE: Classified data reported separately.



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.

Our proximity to NASA, Langley provides them a secure storage for their rocket motors.

A large number of our magazines are of the box construction with rail and road access. The new magazines are constructed with platforms and ramps which expedites the transfer of weapons. The wide doors allow full utilization of the magazine capacity when storing the newer and longer weapons such as Vertical Launch Standard and Tomahawk.

Station Explosive Holding Yards provide safe haven for HAZMAT in transit in vicinity of Naval Base Norfolk.

EOD services and a demolition range are located on the station.

WPNSTA Yorktown is the only east coast EPA permitted EOD range.

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

DON storage provided = 97.0 %

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 = 3.0 %

Commercial effort = _____ %

Other Military Departments (Army) = _____ %

Other Military Department (Air Force) = _____ %

Other DoD Agencies (specify) = _____ %

Other Federal Agencies = .01 % NASA

NOTE: Temporary storage of USAF AMRAAM missiles is provided by WPNSTA Yorktown during maintenance cycle of these missiles at Yorktown.

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

* NOTE: CVN, CV, LHA, and LHD ships are accommodated at the explosive anchorage in Hampton Roads by barge.

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	250	250	250	250	250	250	250	250
Threat*	150	150	150	150	150	150	150	150
Strategic	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
Total	400	400	400	400	400	400	400	400

(R)

(R)

(R)

Note: Table data revised 27 SEP 94.

*Note: Includes nuclear threat.

(R)

Note: Throughput based on 1 - 8 hour shift using 4 crews.

Note: Supports Data Call #25, Table 3.4.

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 accommodates other vessels at anchorage, please note below.

Table 2.1: Outload Characteristics

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

* NOTE: CVN, CV, LHA, and LHD ships are accommodated at the explosive anchorage in Hampton Roads by barge.

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

Ordnance Categories	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997
LOE	200	200	200	200	200	200	200	200
Threat*	100	100	100	100	100	100	100	100
Strategic	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
Total	300	300	300	300	300	300	300	300

NOTE: Throughput capacity reflects our normal outload mixture of 60 percent threat weapons and 40 percent LOE. We have the capacity for 400 tons LOE or 320 tons of threat weapons daily using two crews. Capacity can be increased by adding crews if the outloading ships can work

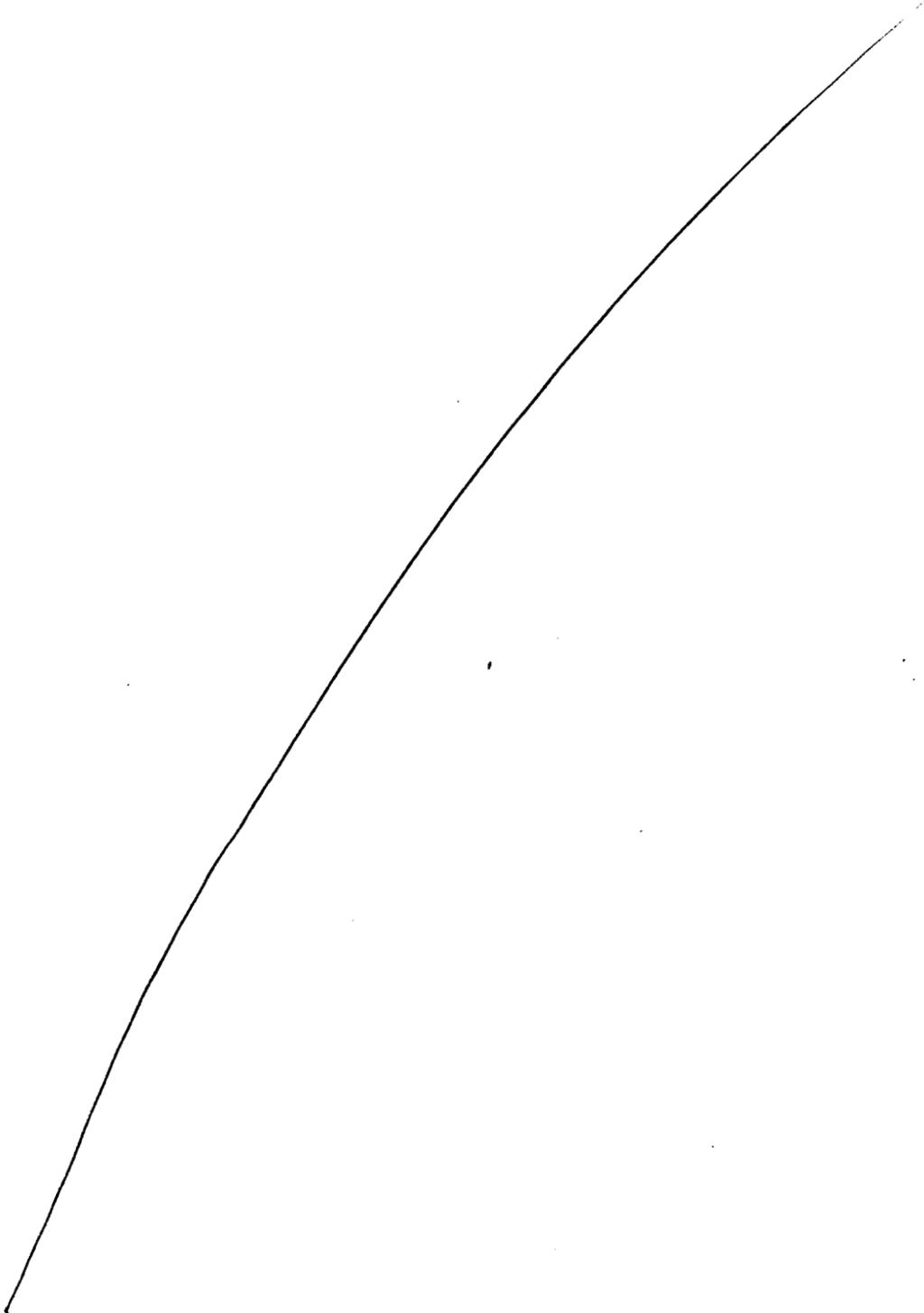
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more than one station simultaneously and mobile cranes are utilized. *NOTE: Includes nuclear threat.



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ACTIVITY: 00109 *R*

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.

The station specializes in loading combatants with strike weapons and is especially equipped to handle VLS/CLS ships. We have the East Coast VLS/CLS fly-away team and hold dedicated equipment for VLS logistic movements at any port.

Pier R3 is equipped with two Portal Cranes, one 25 ton capacity and one 40 ton capacity.

EOD services and a demolition range are located on the station.

WPNSTA Yorktown is the only east coast EPA permitted EOD range *that can accept hazardous waste from off site sources. R 10/5/94*

The services and support available and provided to the Atlantic fleet are expedited due to the station's proximity to Norfolk.

WPNSTA Yorktown's x-ray facility/equipment has the capability to x-ray items from 5000th inch diameter nichrome wire to 22 inch thick steel.

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
AE/AOE	2
CONTAINER	2
MSNAP	2

NOTE: WPNSTA Yorktown pier has 2 berths along face of pier. Two ships, any mix shown, can be loaded simultaneously. (This note revised 05/OCT 94.) *R 10/05/94*

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 = 2

NOTE: Adequate handling equipment is available to outload two submarines at Yorktown; however, only one submarine can presently berth at Pier R3 because we have one set of camels.

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 =

Any combination of AE, AOE, AOJ, AOR, LPD, or LPH will provide for the maximum outload capability at the pier. CV, CVN, LHA, and LHD are loaded on barges for service at the explosive anchorage.

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.

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WPNSTA Yorktown is the only east coast EPA permitted EOD range.

The services and support available and provided to the Atlantic fleet are expedited due to the station's proximity to Norfolk.

WPNSTA Yorktown's x-ray facility/equipment has the capability to x-ray items from 5000th inch diameter nichrome wire to 22 inch thick steel.

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
AE/AOE	2
CONTAINER	2
MSNAP	2

NOTE: Any combination of any two types is the maximum outload capability at the same time. (This note revised 27 (R) SEP 94.)

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 = 2

NOTE: Adequate handling equipment is available to outload two submarines at Yorktown; however, only one submarine can presently berth at Pier R3 because we have one set of camels.

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 =

Any combination of AE, AOE, AOJ, AOR, LPD, or LPH will provide for the maximum outload capability at the pier. CV, CVN, LHA, and LHD are loaded on barges for service at the explosive anchorage.

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.

The station specializes in loading combatants with strike weapons and is especially equipped to handle VLS/CLS ships. We have the East Coast VLS/CLS fly-away team and hold dedicated equipment for VLS logistic movements at any port.

Pier R3 is equipped with two Portal Cranes, one 25 ton capacity and one 40 ton capacity.

EOD services and a demolition range are located on the station.

WPNSTA Yorktown is the only east coast EPA permitted EOD range.

The services and support available and provided to the Atlantic fleet are expedited due to the station's proximity to Norfolk.

WPNSTA Yorktown's x-ray facility/equipment has the capability to x-ray items from 5000th inch diameter nichrome wire to 22 inch thick steel.

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
AE/AOE	2
CONTAINER	2
MSNAP	2

NOTE: Any combination of these types will provide maximum outload capability at the pier.

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 = 2

NOTE: Adequate handling equipment is available to outload two submarines at Yorktown; however, only one submarine can presently berth at Pier R3 because we have one set of camels.

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 =

Any combination of AE, AOE, AOJ, AOR, LPD, or LPH will provide for the maximum outload capability at the pier. CV, CVN, LHA, and LHD are loaded on barges for service at the explosive anchorage.

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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 (PIER)

Vessel Type	FY 1991	FY 1992	FY 1993
Amphibious	18	27	14
Combatant	46	41	39
CV/CVN	0	0	0
Submarines	0	1	0
CLF	0	2	5
Other Break Bulk	3	1	0
Container Ship	0	0	0
Other	10	15	5
Total:	77	87	63

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Note: Data indicates number of ship visits to WPNSTA Yorktown pier. Does not include ships serviced at anchorage or pierside Norfolk.

Note: Table data revised 27 SEP 94.

Table 2.7: Outload History (ANCHORAGE)

Vessel Type	FY 1991	FY 1992	FY 1993
Amphibious	23	11	5
Combatant	3	1	0
CV/CVN	6	6	1
Submarines	0	0	0
CLF	6	0	0
Other Break Bulk	13	9	5
Container Ship	0	0	0
Other	0	0	0
Total:	51	27	11

NOTE: Small ammunition loadouts are also conducted with vessels berthed at NAVSTA Norfolk by moving the material by truck from Yorktown to the NAVSTA pier.

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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 (PIER)**

Vessel Type	FY 1991	FY 1992	FY 1993
Amphibious	19	28	14
Combatant	53	46	41
CV/CVN	0	0	0
Submarines	0	1	0
CLF	3	2	0
Other Break Bulk	8	11	9
Container Ship	0	0	0
Other	4	4	1
Total:	87	92	65

NOTE: Data indicates number of ship visits to WPNSTA pier.

Table 2.7: **Outload History (ANCHORAGE)**

Vessel Type	FY 1991	FY 1992	FY 1993
Amphibious	23	11	5
Combatant	3	1	0
CV/CVN	6	6	1
Submarines	0	0	0
CLF	6	0	0
Other Break Bulk	13	9	5
Container Ship	0	0	0
Other	0	0	0
Total:	51	27	11

NOTE: Small ammunition loadouts are also conducted with vessels berthed at NAVSTA Norfolk by moving the material by truck from Yorktown to the NAVSTA pier.

2. **Ordnance Outload Facility, continued**

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 accommodated 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	400	400	
Combatant	320	320	
CV/CVN	400	400	Throughput indicates barge loading time.
Submarines	96	96	
CLF	400	400	
Other Break Bulk	400	400	
Container Ship	400	400	
Other	0	0	
Total:	NA	NA	

Note: Capacities are mutually exclusive until additional crews are added.

Indicates 1 - 10 hour shift using two crews.

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 (In Thousands of Units)

Ammunition/ Ordnance Type	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997
Mines/ Components *	1.2	1.5	1.5	1.2	1.2	1.3	0.8	1.0
Torpedoes *	0.5	0.4	0.9	0.8	0.9	0.6	0.6	0.6
Air Launched Threat	6.9	7.4	7.0	4.5	5.4	5.7	5.4	4.8
Surface Launched Threat	1.9	1.8	1.6	1.5	2.3	2.4	2.5	2.4
LOE **	534.0	651.6	1440.8	736.8	927.2	553.5	543.6	553.1
Other	0	0	0	0	0	0	0	0
Total	544.5	662.7	1451.8	744.8	937.0	563.5	552.9	561.9

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Note: Table data revised 27 SEP 94.

Note: Mines/Components include Activities 00109 and 55256. Torpedoes include Activities 00109 through FY 94 and 68841 beginning FY 92 through FY 97. R

* Note: Ref. Data call #25 Tables 4.1.a ILM and 4.1.b ILM for Activities 00109, 55256, and 68841. R

** Note: LOE: Inert, CADs/PADs, Rockets, Bombs, Gun Ammo, Small Arms, Pyro/Demo, Grenandes/Mortars/Projectiles, Other (Ref. Data Call #25 Tables 4.1.a ILM and 4.1.b ILM) R

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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 (In Thousands of Units)

Ammunition/ Ordnance Type	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997
Mines	0.9	1.1	1.0	0.8	0.6	0.7	0.5	0.6
Torpedoes	0.5	0.4	0.6	0.4	0.4	0.2	0.2	0.2
Air Launched Threat	6.9	7.4	7.0	4.5	5.4	5.7	5.4	4.8
Surface Launched Threat	2.0	1.8	2.1	1.8	2.4	2.5	2.5	2.5
LOE	307.4	258.6	1317.8	680.3	927.2	553.5	543.6	553.1
Other	0	0	0	0	0	0	0	0
Total	317.7	269.3	1328.5	687.8	936.0	562.6	552.2	561.2

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

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

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Ammunition/ Ordnance Type	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997
* Mines/ Components	31.2	35.4	38.5	37.8	27.9	29.6	32.7	34.0
* Torpedoes	10.8	8.9	150.8	163.4	219.4	218.0	218.0	218.0
Air Launched Threat	151.5	121.2	134.2	108.0	112.1	113.1	108.7	94.9
** Surface Launched Threat	NA	NA	40.3	31.4	42.2	38.4	39.7	38.9
*** LOE	8.4	3.4	NA	3.6	6.9	6.3	6.2	5.7
Other	0	0	0	0	0	0	0	0
Total	201.9	168.9	363.8	344.2	408.5	405.4	405.3	391.5

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Note: Surface Launched Threat includes Other Threat. LOE includes Inert, CADS/PADS, Rockets, Gun Ammunition, Small Arms, Pyrotechnics/Demolition, Grenades/Mortars/Projectiles, Chaff, Decoys, Flares, and SUS. R

** Note: FY 90 and 91 labor hours not available (NA). R

*** Note: FY 92 labor hours not available (NA). R

Note: Table data revised 27 SEP 94.

Note: Mines/Components include Activities 00109 and 55256. Torpedoes include Activities 00109 through FY 94 and 68841 beginning FY 92 through FY 97. R

* Note: Ref. Data Call #25, Tables 4.1.c ILM and 4.1.d ILM for Activities 00109, 55256, and 68841. R

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
Mine Components	10.9	11.4	13.6	11.0	8.5	4.9	5.9	5.7
Torpedoes	10.8	8.7	7.5	5.9	2.1	.4	.4	.4
Air Launched Threat	151.5	121.2	133.9	108.0	111.5	113.0	108.6	94.7
Surface Launched Threat	34.9	29.0	36.4	37.1	41.7	44.7	45.0	44.2
LOE	12.5	12.7	27.5	9.0	6.9	6.3	6.2	5.7
Other	0	0	0	0	0	0	0	0
Total	220.6	183.0	218.9	171.0	170.7	169.3	166.1	150.7

NOTE: Surface Launched Threat includes Other Threat.

LOE includes Inert, CADS/AEPS, Rockets, Gun Ammunition, Small Arms, Pyrotechnics/Demolition, Grenades/Mortars/Projectiles, Chaff, Decoys, Flares, and SUS.

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

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.

WPNSTA Yorktown has the capability to perform maintenance on all classes of threat weapons and of LOE munitions with the exception of strategic missiles. This allows 'one stop shopping' for ships homeported in Norfolk without the requirement to move weapons over the road.

Our mechanical depot level maintenance areas are equipped to perform certified welding of steel and aluminum alloys. We also conduct plastic welding and fiberglass repair. Our multi-media abrasive blast cleaning areas are of the latest technology and we have a full range of priming and painting capability using both air and airless processes.

We have an automated, computer controlled blast, thermal coating, painting, and oven-drying line for bomb type explosives.

WPNSTA Yorktown is the only assembly and maintenance facility for Vertical Launched ASROC.

Having a maintenance capability in conjunction with a loadout facility provides minor pierside repair capabilities during loadouts and reduces weapon rejection rates.

Station provides weight testing capability for ordnance handling equipment for ships homeported in Hampton Roads.

WPNSTA Yorktown is the single East Coast activity conducting intermediate level maintenance of air launched threat weapons. WPNSTA Yorktown is the only U.S. Navy activity to conduct maintenance on every air missile in the Navy arsenal with unique capabilities for the HARPOON and PENGUIN missiles. We have two facilities designed and dedicated for air missile production. Special automated test equipment for assigned missile systems is installed in the test cells. Our dedicated work force is recognized for their technical acumen and represent the maintenance community on Integrated Logistics Support Management Teams, and other special projects for the In-Service Engineering Agent and the Program Managers for logistics.

WPNSTA Yorktown x-ray facility serves the DOD community. The linear accelerator and associated equipment provide the capability to x-ray a wide range of items; i.e., nichrome

wire, 5000th of an inch thick and steel, 22 inches thick. WPNSTA Yorktown is the only DOD facility in the region with the capability to x-ray propellants and other explosives; propellants are placed in cold soak for 24 hours to reach a temperature of minus 40 degrees Fahrenheit prior to process completion within three hours. Since 1968, all Black Brandt rocket motors, purchased by NASA, have been x-rayed here prior to shipment to world-wide sites for launch.

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 = 14.6 % R 11/15/94
- Commercial effort = 0 %
- Other Military Departments (Army) = 0 %
- Other Military Department (Air Force) = 8 %
- Other DoD Agencies (specify) = 2.5 %

Note: Section 3.3 FMS revised 15 NOV 94.

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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).

Table 3.4: Rework and Repair Performance (DLMYs)

Ammunition/ Ordnance Type	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997
Mines	4.5	4.0	0.9	0.7	0.3	0.4	0.4	0.4
Torpedoes	2.8	4.9	3.2	2.1	2.1	1.6	1.2	1.0
Air Launched Threat	6.9	13.3	15.1	16.6	11.5	13.3	13.5	11.7
Surface Launched Threat	4.0	6.2	7.6	6.9	5.0	4.9	4.9	4.7
LOE	8.8	10.9	10.8	8.2	2.2	1.7	1.7	1.3
Other	12.5	26.3	18.2	6.5	8.5	5.1	4.6	4.6
Total	39.5	65.6	55.8	41.0	29.6	27.0	26.3	23.7

NOTE: Other includes tenant support and FMS work at actual rates.

NOTE: Data reflects DLMY's for RSS&I type operations to move materials into/out of production and/or renovation shops and paid for by program funds not RSS&I funds.

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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 = 14.7 %

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Commercial effort = 0 %

Other Military Departments (Army) = 0 %

Other Military Department (Air Force) = 8 %

Other DoD Agencies (specify) = 2.5 %

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Note: Section 3.3 revised 27 SEP 94.

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).

Table 3.4: Rework and Repair Performance (DLMYs)

Ammunition/ Ordnance Type	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997
Mines	4.5	4.0	0.9	0.7	0.3	0.4	0.4	0.4
Torpedoes	2.8	4.9	3.2	2.1	2.1	1.6	1.2	1.0
Air Launched Threat	6.9	13.3	15.1	16.6	11.5	13.3	13.5	11.7
Surface Launched Threat	4.0	6.2	7.6	6.9	5.0	4.9	4.9	4.7
LOE	8.8	10.9	10.8	8.2	2.2	1.7	1.7	1.3
Other	12.5	26.3	18.2	6.5	8.5	5.1	4.6	4.6
Total	39.5	65.6	55.8	41.0	29.6	27.0	26.3	23.7

NOTE: Other includes tenant support and FMS work at actual rates.

NOTE: Data reflects DLMY's for RSS&I type operations to move materials into/out of production and/or renovation shops and paid for by program funds not RSS&I funds.

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 = 11.7 %

Commercial effort = 0 %

Other Military Departments (Army) = 0 %

Other Military Department (Air Force) = 8 %

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).

Table 3.4: Rework and Repair Performance (DLMYs)

Ammunition/ Ordnance Type	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997
Mines	4.5	4.0	0.9	0.7	0.3	0.4	0.4	0.4
Torpedoes	2.8	4.9	3.2	2.1	2.1	1.6	1.2	1.0
Air Launched Threat	6.9	13.3	15.1	16.6	11.5	13.3	13.5	11.7
Surface Launched Threat	4.0	6.2	7.6	6.9	5.0	4.9	4.9	4.7
LOE	8.8	10.9	10.8	8.2	2.2	1.7	1.7	1.3
Other	12.5	26.3	18.2	6.5	8.5	5.1	4.6	4.6
Total	39.5	65.6	55.8	41.0	29.6	27.0	26.3	23.7

NOTE: Other includes tenant support and FMS work at actual rates.

NOTE: Data reflects DLMY's for RSS&I type operations to move materials into/out of production and/or renovation shops and paid for by program funds not RSS&I funds.

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.

Table 3.5: Level of Depot Maintenance

Type of Depot Maintenance	FY 1993	FY 1997
Ordnance	7.4	17.3
Mine Components	3.0	2.9
Other (Calibration)	69.7	74.0

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Note: Table data revised 27 SEP 94.

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.

Table 3.5: Level of Depot Maintenance

Type of Depot Maintenance	FY 1993	FY 1997
Ordnance	6.4	17.3
Mine Components	3.0	2.9
Other (Calibration)	69.7	74.0

Mission Area

4. Packaging and Handling Equipment

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

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
Packaging (containers)	NA	NA	NA	NA	7.5	5.9	5.3	5.3
Handling (Dollies, Handtrucks)	NA	NA	NA	NA	13.8	2.8	12.0	12.0

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Note: Table data revised 27 SEP 94.

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.

Our mechanical depot level maintenance areas are equipped to perform certified welding of steel and aluminum alloys. We also conduct plastic welding and fiberglass repair. Our multi-media abrasive blast cleaning areas are of the latest technology and we have a full range of priming and painting capability using both air and airless processes.

Mission Area

4. Packaging and Handling Equipment

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

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
Packaging (containers)	NA	NA	NA	NA	2.0	2.0	5.3	5.3
Handling (Dollies, Handtrucks)	NA	NA	NA	NA	4.4	4.4	12.0	12.0

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.

Our mechanical depot level maintenance areas are equipped to perform certified welding of steel and aluminum alloys. We also conduct plastic welding and fiberglass repair. Our multi-media abrasive blast cleaning areas are of the latest technology and we have a full range of priming and painting capability using both air and airless processes.

4. Packaging and Handling Equipment, continued

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

NOTE: Classified data reported separately.

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?

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

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.

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

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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?

Table 6.1: Combat System Workload (Units)

Combat System	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997
MK 115 FCS	412	429	218	75	30	20	10	5/ END
AEGIS	0	0	0	0	0	50	100	200

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R 11/16/94

NOTE: Table data for MK 115 FCS revised 16NOV94.

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.

WPNSTA Yorktown is the only activity performing this DLM test and repair function: temperature and humidity controls, and utilization of specialized test systems are required. Work force is trained to proper skill level. Facility power is specialized. FMS for MK 115 FCS system is possible.

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

Relocation is possible but with substantial cost and loss of readiness. Additional capabilities for additional combat systems exist, facilities are more than adequate for expansion; i.e., MK 99 FCS, NATO system.

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?

Table 6.1: **Combat System Workload (Units)**

Combat System	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997
MK 115 FCS	398	299	195	75	30	20	10	5/ END
AEGIS	0	0	0	0	0	50	100	200

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.

WPNSTA Yorktown is the only activity performing this DLM test and repair function: temperature and humidity controls, and utilization of specialized test systems are required. Work force is trained to proper skill level. Facility power is specialized. FMS for MK 115 FCS system is possible.

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

Relocation is possible but with substantial cost and loss of readiness. Additional capabilities for additional combat systems exist, facilities are more than adequate for expansion; i.e., MK 99 FCS, NATO system.

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.

Table 7.1: **Publications Workload**

Publication Types	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997
OPs	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
JMEMs	0	0	0	0	0	0	0	0
NWPs/MWIPs	0	0	0	0	0	0	0	0
MILSPECs	.3	.3	.3	.3	.3	.3	.3	.3
Standards	0	0	0	0	0	0	0	0
Instructions/Notes	0	0	0	0	0	0	0	0
Other	.8	.8	.8	.8	.8	.8	.8	.8
Total	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0

NOTE: Effort is not funded but local requirement to maintain technical manuals and process documentation in support of ordnance operations. The library maintains some 12,000 documents and fills all station requirements including tenants. Maintenance includes the requisition, inventory, and incorporation of changes.

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.

Inventory is maintained by local application.

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.)?

None

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?

WPNSTA Yorktown's fleet weapons pier is specifically for the loading of Ordnance materials. Marine access to the pier is restricted only to aircraft carriers by the Coleman Bridge, which spans the York River downstream from the Station. All other class of Navy ships can be accommodated at the pier. The quantity of explosives on noncombatant ships at the pier is limited by Explosive Safety Quantity Distances. The pier is approved for 2.25 million pounds of explosives concentrated at the midpoint or up to 1.25 million pounds from each end of the 2200 ft. working face of the pier.

Welding or cutting operations (hot work) that involve the use of an open flame or arc shall not be undertaken on merchant ships or Naval vessels that are located alongside the ammunition pier. In cases of an emergency affecting the security of the vessel, or when necessary for the purpose of welding pad eyes, angle bars, or other devices to the deck for securing cargo, or for routine scheduled maintenance, welding or cutting may be permitted if the deck is not directly above stowed explosives. Permission to conduct these operations on Merchant and Navy vessels shall be obtained from the Commanding Officer of the Station. Under these conditions, cargo-loading hatches and/or magazine doors shall be closed and no ammunition handling activities shall be permitted aboard the ship. Exposed hot work (that outside the skin of the ship) shall be performed at least 500 feet from any ammunition handling operation on the pier and also a minimum of 500 feet from any prestaged/offloaded ammunition (truck, railcar, barge, pier surface) on the pier.

The working face of the pier is directly adjacent to the York River Channel, considered to be a navigable waterway with occasional use by small fishing and pleasure craft. The Colonial Parkway is approximately 2100 feet from the closest point to the pier and is within the public traffic route with less than 5000 cars per day utilization. The presence of more than 350,000 pounds of explosives at the pier requires the exercising of an approved waiver for the Colonial Parkway.

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

Explosive-loaded trucks and railcars moving ammunition from magazines to the pier must travel designated routes within the Station. The Command has established explosive transportation routes that prevent the movement of ammunition through the industrial areas of the Station.

8. Explosive Quantity Distance Factors, continued

Ordnance that is transported from storage magazines to the outload facility often passes near the Ordnance production plants where HERO unsafe Ordnance can be exposed to electromagnetic environment (EME). All Ordnance production facilities are posted with Radiation Hazard (RADHAZ) sign to designated no transmit area. The Naval Weapons Station Emission Control (EMCON) Bill also lists the HERO areas where Radio Frequency (RF) is prohibited.

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

The pier has two designated berths, each will accommodate one AOE class ship with an explosives weight of 1.25 million pounds and a safe separation between ships of 1100 feet. The working face of the weapons pier is 2200 feet long and depending on the type and length of surface ships, either two or three can be berthed simultaneously. The face of the pier is directly adjacent to the York River channel and the number of ships which could be reasonably berthed is two or three deep giving a maximum of nine (9) surface ships.

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.

Ships are not normally nested at the ordnance pier. The pier has nine overlapping berths which can accommodate two major ships (i.e., CLF or amphibious) or two combatants replacing one major ship. WPNSTA Yorktown has very little experience pertaining to submarines either SSN or SSBN class. Based on length alone, it would be possible to berth three (3) of either class submarines along the face of the pier, and nesting could be the same as surface ships, giving a capability of nine (9) submarines.

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

CCN	Facility Type	Condition			Total
		Adequate	Substandard	Inadequate	
111	RUNWAYS	2.2 (KSY)			2.2 (KSY)
123	VEH FUEL/DISP	8 (OL)			8 (OL)
126	OTHER FUEL/DISP	1 (OL)			1 (OL)
131	COMMS - BUILDINGS	2.0	1.8	.88	4.7
132	COMMS - OTHER	7 (EA)			7 (EA)
134	NAVTR AID - OTHER	1 (EA)			1 (EA)
135	COMMS - LINES	47.6 (MI)			47.6 (MI)
137	SHIP NAV&TR BLD	3.8		2.3	6.1
141	OPERATION BLDGS	2.9			2.9
143	SHIP&OTH OP BLD	29.2	68.1		97.3
148	SHIP OPRTNL FAC	17 (EA) 2.6 (KSY)	5 (EA)		22 (EA), 2.6 (KSY)
149	OP FAC - OTHER	1 (EA)			1 (EA)
152	WHARFS	28.3 (KSY)			28.3 (KSY)
155	SMALL CRFT	3.4			3.4

CCN	Facility Type	Condition			Total
		Adequate	Substandard	Inadequate	
	BTHS				
163	MOORINGS	9 (EA)			9 (EA)
171	TRAINING BLDGS	2.3	3.3		5.6
179	TRAINING - OTHER	2 (EA)			2 (EA)
212	MNT - GUIDED MIS	252.9	6.8		259.7
213	MNT - SHIPS		5.6		5.6
214	MNT - TANK/AUTO		28.4		28.4
216	MNT - AMMUNITION	253.1	155.5		408.6
218	MNT - MISC/PROC	34.6	84.0		118.6
219	MNT - INS REP OPN	54.8	50.0		104.8
226	FUSE ASBY PL	21.9	284.7		306.6
315	WEAPON/WEAP SYS	47.2			47.2
319	MISC ITEMS & EQ	2.3			2.3
390	RDT&E - OTHER	2 (EA)			2 (EA)
412	LIQ STOR O/T WF	3.8 (KGA)			3.8 (KGA)
421	AMMO STOR/DEPOT	1,055.7	313.7	27.84	1,397.24
424	WPN - REL BAT STR		7.6		7.6

CCN	Facility Type	Condition			Total
		Adequate	Substandard	Inadequate	
431	COLD STOR/DEPOT	.8			.8
441	COV STOR/DEPOT	32.2	94.2		126.4
451	OPEN STOR/DEPOT	25.3 (KSY)			25.3 (KSY)
610	ADMIN BLDGS	46.1	32.6	82.3	161.0
690	OTHER ADM FACIL	3 (EA)			3 (EA)
711	FAM HSG/DWELLG	560.6, 470 (FA)	5.7, 3 (FA)		566.3, 473 (FA)
713	FAM HSG/TRLR SITE	40 (FA)			40 (FA)
714	FAM HSG/DET BLD	64.4			64.4
721	UEPH	37.7		41.8	79.5
722	UNAC PR HOU - MESS	10.1			10.1
723	UEPH - DET FAC		1.5		1.5
724	UOPH	17.8			17.8
730	COMMUNITY FAC	36.8	1.0	6.4	44.2
740	COMM FAC - MW&R	62.6	14.5	19.7	96.8
750	COMM FAC - MW&R - X	17 (EA)		1 (EA)	18 (EA)
760	MUSEUM/MEMO RIAL		2 (EA)		2 (EA)
811	ELEC PR -	1500			1500 (KW)

CCN	Facility Type	Condition			Total
		Adequate	Substandard	Inadequate	
	SOURCE	(KW)			
812	ELEC TMSN/DISTR	5657 (KV), 1289 (KLF)			5657 (KV), 1289 (KLF)
813	ELEC PWR SUB/SW	1500 (KV)			1500 (KV)
821	HEAT - SOURCE	3.7 18.0 (KMB)	1.8		5.5 18.0 (KMB)
822	HEAT - TMSN/DIST	82.6 (KLF)			82.6 (KLF)
831	SEWAGE TRT&DSP	1.0, 156,652 (KG)			1.0, 156,652 (KG)
832	SEWAGE/ COLLECT	2.4, 169.6 (KLF), 1.7 (KGM)			2.4, 169.6 (KLF) 1.7 (KGM)
833	REFUSE & GARBAG	1.2, 5.0 (TN)			1.2, 5.0 (TN)
841	WTR - SUP/TMT/STG	2.3 (KLF) 62 (KG)	10 (KG)		2.3 (KLF) 72 (KG)
842	WATER DIST - POT	1.9 74.9 (KLF)			1.9 74.9 (KLF)
843	WATER - FIRE PRO	250.0 (KGA)			250.0 (KGA) .4 (KLF)

CCN	Facility Type	Condition			Total
		Adequate	Substandard	Inadequate	
		.4 (KLF)			
845	WTR DIST SYS NP	.7 (KLF)			.7 (KLF)
851	ROADS	717.6 (KSY) 55.62 (MI)			717.6 (KSY) 55.62 (MI)
852	WALKS PARKING	224.5 (KSY)			224.5 (KSY)
860	RAILROADS	49.6 (MI)			49.6 (MI)
871	GROUNDS DRAINAG	108.0 (KLF)			108.0 (KLF)
872	FENCE/WALL/T WR	.8 77.8 (KLF)		185.4 (KLF)	.8 263.2 (KLF)
880	FIRE & OTH ALRM	33 BX			33 BX
890	MISC UTIL	2.7 5.7 (KLF)			2.7 5.7 (KLF)
	ACTIVITY TOTAL:	1000.5 (KSY) 9 (OL) 2,648.9 (KSF) 152.8 (MI) 253.8 (KGA) 510 (FA)	1,160.8 (KSF) 3 (FA) 10 (KG)	181.22 (KSF) 185.4 (KLF)	1000.5 (KSY) 9 (OL) 3,990.9 (KSF) 152.8 (MI) 253.8 (KGA) 513 (FA) 1500 (KW) 7,157 (KV) 1,996.4 (KLF)

CCN	Facility Type	Condition			Total
		Adequate	Substandard	Inadequate	
		1500 (KW)			156,724 (KG)
		7,157 (KV)			1.7 (KGM)
		1,811 (KLF)			18 (KMB)
		156,714 (KG)			5 (TN)
		1.7 (KGM)			33 (BX)
		18 (KMB)			
		5 (TN)			
		33 (BX)			
<hr/>					
	ACTIVITY N00174				
316	AMO,EXPLO/ TOXIC	35.3	33.6		68.9
319	MISC ITEMS & EQ	2.1	.036		2.14
390	RDT&E - OTHER	2 (EA)			2 (EA)
421	AMMO STOR/DEPOT	6.8			6.8
821	HEAT - SOURCE	1.98			1.98

CCN	Facility Type	Condition			Total
		Adequate	Substandard	Inadequate	
841	WTR - SUP/TMT/STG	50.0 (KGA)			50.0 (KGA)
	ACTIVITY TOTAL:	46.18 50 (KGA) 2(EA)	33.6		79.82 50 (KGA) 2(EA)
	ACTIVITY N0708A				
171	TRAINING BLDGS		18.1		18.1
315	WEAPON/WEAP SYS	55.3		.81	56.1
319	MISC ITEMS & EQ	9.3	5.9		15.2
610	ADMIN BLDGS	20.8			20.8
	ACTIVITY TOTAL:	85.40	24.00	.81	110.20
	ACTIVITY N30720				
143	SHIP & OTH OP BLD	5.5			5.5
148	SHIP OPRTNL FAC	1 (EA)			1 (EA)
421	AMMO	2.1			2.1

CCN	Facility Type	Condition			Total
		Adequate	Substandard	Inadequate	
	STOR/DEPOT				
	ACTIVITY TOTAL:	7.6			7.6
	ACTIVITY N35625				
610	ADMIN BLDGS	1.03			1.03
	ACTIVITY TOTAL:	1.03			1.03
	ACTIVITY 45650				
143	SHIP & OTH OP BLD	.41			.41
610	ADMIN BLDGS	2.2	1.0		3.2
	ACTIVITY TOTAL:	2.61	1.0		3.61
	ACTIVITY N55535				
216	MNT - AMMUNITION	6.0	19.4		25.4
821	HEAT - SOURCE	1.2			1.2

CCN	Facility Type	Condition			Total
		Adequate	Substandard	Inadequate	
	ACTIVITY TOTAL:	7.2	19.4		26.60
	ACTIVITY N61463				
730	COMMUNITY FAC	.32			.32
740	COMM FAC - MW&R		2.05	20.5	22.5
	ACTIVITY TOTAL:	.32	2.05	20.5	22.82
	ACTIVITY N62575				
229	PROD - MNT REP OP		.935		.935
	ACTIVITY TOTAL:		.935		.935

CCN	Facility Type	Condition			Total
		Adequate	Substandard	Inadequate	
	ACTIVITY N62753				
540	DENTAL CLINICS	4.0			4.0
	ACTIVITY TOTAL:	4.0			4.0
	ACTIVITY N63126				
610	ADMIN BLDGS		2.9		2.9
	ACTIVITY TOTAL:		2.9		2.9
	ACTIVITY N63439				
143	SHIP & OTH OP BLD	.026			.026
228	PROD - MISC/PROC	25.1			25.1
690	OTHER ADM FACIL	1 (EA)			1 (EA)

CCN	Facility Type	Condition			Total
		Adequate	Substandard	Inadequate	
812	ELEC TMSN/DISTR	2.0 (KLF)			2.0 (KLF)
813	ELEC PWR SUB/SW	500 (KV)			500 (KV)
880	FIRE & OTH ALRM	6 (BX)			6 (BX)
	ACTIVITY	25.12			25.12
	TOTAL:	2.0 (KLF)			2.0 (KLF)
		500 (KV)			500 (KV)
		6 (BX)			6 (BX)
	ACTIVITY				
	N64590				
217	MNT - ELECTNX/COMS	27.3			27.3
	ACTIVITY	27.3			27.3
	TOTAL:				
	ACTIVITY				
	N66406				

CCN	Facility Type	Condition			Total
		Adequate	Substandard	Inadequate	
740	COMM FAC - MW&R			12.1	12.1
	ACTIVITY TOTAL:			12.1	12.1
	ACTIVITY N67054				
132	COMMS - OTHER	1 (EA)			1 (EA)
143	SHIP & OTH OP BLD	15.4		4.2	19.6
421	AMMO STOR/DEPOT	.31			.31
	ACTIVITY TOTAL:	15.71 1 (EA)		4.2	19.91 1 (EA)
	ACTIVITY N68547				
610	ADMIN BLDGS	3.9			3.9
	ACTIVITY	3.9			3.9

CCN	Facility Type	Condition			Total
		Adequate	Substandard	Inadequate	
	TOTAL:				
	ACTIVITY N68722				
550	DISPENSA/ CLINIC	13.1			13.1
	ACTIVITY TOTAL:	13.1			13.1
	ACTIVITY N68842				
216	MNT - AMMUNITION	23.3			23.3
	ACTIVITY TOTAL:	23.3			23.3
	Activity TOTAL:	2,911.67	1,244.68	218.83	4,375.18 SF

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?

CCN 131

1. Building 494
 - a. Telecom Center/131-17
 - b. Siting criteria - located within ESQD Arc of Pier
 - c. Vacant
 - d. N/A
 - e. Storage - No cost
 - f. N/A
 - g. No

CCN 137

1. Building 19
 - a. Port Control Office/137-40
 - b. Siting criteria - located within ESQD Arc of Pier
 - c. Vacant
 - d. N/A
 - e. Storage - \$60,000
 - f. N/A
 - g. No

CCN 421

1. Building 24
 - a. Inert Storehouse/421-32
 - b. Total Building Obsolescence
 - c. Storage
 - d. \$210,000
 - e. Storage - \$210,000
 - f. Waiver Corrections, Programmed for FY95
 - g. No

CCN 610

1. Building 7
 - a. Admin Facility & Data Processing/610-10 & 610-20
 - b. Nonexistent Fire Protection And Alarm System
Interior Configuration inadequate
 - c. Ordnance Admin
 - d. \$1,500,000
 - e. N/A
 - f. Building Renovations Programmed for FY95
 - g. No
2. Building 380B
 - a. Admin Facility/610-10
 - b. Total Building Obsolescence
Nonexistent Fire Protection & Alarms
 - c. Comptroller Admin Office
 - d. \$150,000
 - e. None
 - f. None
 - g. No
3. Building 396A
 - a. Admin Facility/610-10
 - b. Siting Criteria - Located within ESQD Arc of Pier
 - c. Dockmaster office
 - d. N/A
 - e. Storage - No cost
 - f. None
 - g. No

4. Building 466

- a. Admin Facility/610-10
- b. Siting Criteria - Located too close to Perimeter Security Fence
- c. NOCLANT Admin Facility
- d. N/A
- e. None
- f. None
- e. No

5. Building 663

- a. Admin Facility/610-10
- b. Siting Criteria - Located too close to the Perimeter Security Fence
- c. CHRO Facility
- d. N/A
- e. None
- f. None
- g. No

CCN 721

1. Building 706

- a. BEQ/721-11 & 721-12
- b. Design Criteria - Doesn't meet new BEQ Design Criteria
- c. BEQ - E1 through E4
- d. \$3,000,000
- e. Admin or Storage - \$750,000
- f. MCON P-532 FY2000
- g. C3

2. Building 707

- a. BEQ/721-11 & 721-12
- b. Design Criteria - Doesn't meet new BEQ Design Criteria
- c. BEQ - E5 through E7
- d. \$5,800,000
- e. Admin or Storage - \$750,000
- f. MCON P-553, Currently Unprogrammed
- g. No

CCN 730

1. Building 354
 - a. Misc Personnel Support/730-77
 - b. Siting Criteria - Located within the ESQD Arc of the Pier
Total Building Deterioration
 - c. MWR - Personnel Support
 - d. N/A
 - e. Inert Storage
 - f. MCON P-708, FY99
 - g. C3

CCN 740

1. Building 446
 - a. Theater/740-56
 - b. Siting Criteria - Located within the ESQD Arc of the Pier
Total Building Deterioration
 - c. Abandoned
 - d. N/A
 - e. Inert Storage - \$1,000,000
 - f. None
 - g. No
2. Building 354
 - a. Gymnasium/740-43
 - b. Siting Criteria - Located within the ESQD Arc of the Pier
Total Building Deterioration
 - c. Gymnasium
 - d. N/A
 - e. Inert Storage - \$1,000,000
 - f. None
 - g. C3

CCN 750

1. Building 1622
 - a. Recreational Pier/750-61
 - b. Siting Criteria - Located within the ESQD Arc of the Pier
Total Building Deterioration
 - c. Recreational Pier
 - d. None
 - e. None
 - f. None
 - g. No

CCN 872

1. Security Fencing
 - a. Security Fence/872-10
 - b. Siting Criteria - Proper Clear Zones not Provided throughout
 - c. Security Fence
 - d. \$3,000,000
 - e. None
 - f. None
 - g. No

UIC N0708A

CCN 315

1. Building 376
 - a. Unwater Wpn Sys/315-20
 - b. Nonexistent Plumbing
Deteriorated Floor Deck
 - c. Technical Support
 - d. \$25,000
 - e. N/A
 - f. None
 - g. No

UIC N61463
CCN 740

1. Buildings 18, 1795, 376, 1245, 361, 71
 - a. Navy Exchange/740-01, 740-04, 740-30, 740-71, 740-86
 - b. Siting Criteria - Located within the ESQD Arc of the Pier
Total Building Deterioration
 - c. Navy Exchange
 - d. N/A
 - e. Inert Storage - \$50,000
 - f. Provide Relocatable Structures - \$200,000, FY94
 - 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
107	PUBLIC WORKS/SECURITY/ORDNANCE/SUPPLY/AIR WEAPONS
206	
306	
406	
506	
609	
709	
809	
909	
1013	
1113	
1213	
1316	
1405	
1505	

NOTE: All reserve units listed are trained and facilities are used in the areas/departments cited. All units are USNR.

10. Reserve Support Capabilities, continued

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. NOTE: Differences between authorized and actual occur due to insufficient number of people.

Table 10.2: Reserve Personnel

Unit: <u>107</u>	FY 1991				FY 1992				FY 1993			
	Auth		Actual		Auth		Actual		Auth		Actual	
	SEL RES	TAR FTS										
Enlisted	58	0	51	0	58	0	51	0	58	0	51	0
Officer	12	0	11	0	12	0	11	0	12	0	11	0

Unit: <u>206</u>	FY 1991				FY 1992				FY 1993			
	Auth		Actual		Auth		Actual		Auth		Actual	
	SEL RES	TAR FTS										
Enlisted	23	0	22	0	23	0	22	0	23	0	22	0
Officer	2	0	2	0	2	0	2	0	2	0	2	0

10. Reserve Support Capabilities, continued

Unit: <u>306</u>	FY 1991				FY 1992				FY 1993			
	Auth		Actual		Auth		Actual		Auth		Actual	
	SEL RES	TAR FTS										
Enlisted	27	0	27	0	27	0	27	0	27	0	27	0
Officer	2	0	2	0	2	0	2	0	2	0	2	0

Unit: <u>406</u>	FY 1991				FY 1992				FY 1993			
	Auth		Actual		Auth		Actual		Auth		Actual	
	SEL RES	TAR FTS										
Enlisted	34	0	34	0	34	0	34	0	34	0	34	0
Officer	2	0	2	0	2	0	2	0	2	0	2	0

Unit: <u>506</u>	FY 1991				FY 1992				FY 1993			
	Auth		Actual		Auth		Actual		Auth		Actual	
	SEL RES	TAR FTS										
Enlisted	16	0	16	0	16	0	16	0	16	0	16	0
Officer	1	0	1	0	1	0	1	0	1	0	1	0

10. Reserve Support Capabilities, continued

Unit: <u>609</u>	FY 1991				FY 1992				FY 1993			
	Auth		Actual		Auth		Actual		Auth		Actual	
	SEL RES	TAR FTS										
Enlisted	16	0	14	0	16	0	14	0	16	0	14	0
Officer	1	0	1	0	1	0	1	0	1	0	1	0

Unit: <u>709</u>	FY 1991				FY 1992				FY 1993			
	Auth		Actual		Auth		Actual		Auth		Actual	
	SEL RES	TAR FTS										
Enlisted	30	0	30	0	30	0	30	0	30	0	30	0
Officer	1	0	1	0	1	0	1	0	1	0	1	0

Unit: <u>809</u>	FY 1991				FY 1992				FY 1993			
	Auth		Actual		Auth		Actual		Auth		Actual	
	SEL RES	TAR FTS										
Enlisted	28	0	28	0	28	0	28	0	28	0	28	0
Officer	4	0	3	0	4	0	3	0	4	0	3	0

10. Reserve Support Capabilities, continued

Unit: <u>909</u>	FY 1991				FY 1992				FY 1993			
	Auth		Actual		Auth		Actual		Auth		Actual	
	SEL RES	TAR FTS										
Enlisted	19	0	19	0	19	0	19	0	19	0	19	0
Officer	1	0	1	0	1	0	1	0	1	0	1	0

Unit: <u>1013</u>	FY 1991				FY 1992				FY 1993			
	Auth		Actual		Auth		Actual		Auth		Actual	
	SEL RES	TAR FTS										
Enlisted	36	0	36	0	36	0	36	0	36	0	36	0
Officer	3	0	3	0	3	0	3	0	3	0	3	0

Unit: <u>1113</u>	FY 1991				FY 1992				FY 1993			
	Auth		Actual		Auth		Actual		Auth		Actual	
	SEL RES	TAR FTS										
Enlisted	11	0	11	0	11	0	11	0	11	0	11	0
Officer	1	0	1	0	1	0	1	0	1	0	1	0

10. Reserve Support Capabilities, continued

Unit: <u>1213</u>	FY 1991				FY 1992				FY 1993			
	Auth		Actual		Auth		Actual		Auth		Actual	
	SEL RES	TAR FTS										
Enlisted	29	0	28	0	29	0	28	0	29	0	28	0
Officer	4	0	4	0	4	0	4	0	4	0	4	0

Unit: <u>1316</u>	FY 1991				FY 1992				FY 1993			
	Auth		Actual		Auth		Actual		Auth		Actual	
	SEL RES	TAR FTS										
Enlisted	21	0	21	0	21	0	21	0	21	0	21	0
Officer	1	0	1	0	1	0	1	0	1	0	1	0

Unit: <u>1405</u>	FY 1991				FY 1992				FY 1993			
	Auth		Actual		Auth		Actual		Auth		Actual	
	SEL RES	TAR FTS										
Enlisted	27	0	27	0	27	0	27	0	27	0	27	0
Officer	1	0	1	0	1	0	1	0	1	0	1	0

10. Reserve Support Capabilities, continued

Unit: <u>1505</u>	FY 1991				FY 1992				FY 1993			
	Auth		Actual		Auth		Actual		Auth		Actual	
	SEL RES	TAR FTS										
Enlisted	19	0	18	0	19	0	18	0	19	0	18	0
Officer	2	0	2	0	2	0	2	0	2	0	2	0

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

By FY97, the overall SELRES population is expected to drop to 381 billets (-38). The training requirements are expected to remain at the current pace (approximately 40 SELRES per month). This is due to an average annual turnover of 30% in personnel and requalification required for ordnance handlers.

Data Source: ZBR - COMNAVORDCEN ltr 8000 OPR N4/93-0006 SR N02/057 of Nov.93.
- OP 5.

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

WPNSTA Yorktown operates a complete Receipt, Segregation, Storage, and Issue (RSSI) facility for explosive materials. Additionally, WPNSTA Yorktown performs renovation and demilitarization to ordnance material and operates explosive outload facilities. Existence of these operations at WPNSTA Yorktown allows assigned reserves to be trained in all aspects of ordnance operations, thereby providing maximum preparation for mobilization.

Reservists must complete one or more of ten Job Qualification Requirements for ordnance specific billets in addition to seven ordnance related indoctrination courses applicable to all SELRES.

Data Sources: NAVSEAINST 8020.9, Title 49CFR (DOT), Yorktown Instructions, and NAVSEA OP5.1.

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-710	***Enlisted Club (NAF)	88	2,623
F899	***Alterations to Building 476 (NATO)	88	783
P-419	***Air Launch IMA Facility	88	11,137
P-443	***Missile Magazine (1 Mag)	88	2,003
P-444	***Torpedo IMA Expansion (MK 48)	88	6,254
	*Equipment (Lump Sum)	88	6,752
	**Minor Construction (Lump Sum)	88	365
P-114	***Missile Magazines (3 Mags)	89	3,877
P-159	***Pier Modernization/Lighting Protection	89	9,002
P-414	***VLS Missile Magazines (5 Mags)	89	6,868
P-421	***HARM Missile Magazines (5 Mags)	89	5,993
	*Equipment (Lump Sum)	89	4,289
	**Minor Construction	89	600
P-417	***Standard Missile Facility	90	10,479
P-439	***HARM Missile Facility (1 Mag)	90	1,973
P-472	***Missile Magazine (1 Mag - 1 test Fac)	90	4,760
	*Equipment (Lump Sum)	90	5,085
	**Minor Construction	90	302
	*Equipment (Lump Sum)	91	2,292
	**Minor Construction (Lump Sum)	91	406
P-415	Tomahawk Missile Magazine (2 Mags)	92	3,290

Project	Description	Fund Year	Value (\$K)
	*Equipment (Lump Sum)	92	579
C6-85	Construct RADCON Bldg.	92	152
	Install Water Line Bldg. 28	92	189
	Construct Loading Dock, Bldg. 1346	92	28
	Gate 1 Alterations	92	142
	A&E Fee - Gate 13 Weigh Station	92	28
P-480	***Hazardous Waste Storage	93	931
	*Equipment (Lump Sum)	93	1,253
CE16-92	Construct Gate 13 Weigh Station	93	299
	Renovate Bldg. 687	93	119
	Construct Parking Lot, Bldg. 1990	93	25
	A&E Fee - CHRO Facility	93	29
	Loading Platform, Bldg. 711	93	100
	Install Boat Lifts	93	72
	Construct Parking Lot, Bldg. 2020	93	34
C42-92	Construct Security Perimeter Fence	93	256
	*Equipment (Lump Sum)	94	2,106

*NOTE: Represents Station equipment purchases by FY; i.e., material handling equipment, shop equipment, and ADP equipment.

**NOTE: No breakdown available prior to FY 92 for Minor Construction.

***NOTE: Dollar values reflect as constructed costs, which include construction change orders.

11. Investments, continued

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	Description	Fund Year	Value (\$K)
P-554	*NSTF IMA Expansion	94	1,062
	*Install Paved Roads, Mag Group	94	100
	*Costruct Oil Spill Containment	94	30
	*Renovate Bldg. 379 for Recycling	94	80
	*Install Backflow Preventor Shelters	94	74
	*Renovate Bldg. 686	94	300
	Install Trenches at 402	95	25
	Renovate Bldg. 93	95	200
	Renovations to Bldg. 1829 Pier	95	96
	Install Package Boiler 1833	95	150
	Install Package Boiler 1834	95	150
	Renovate Bldg. 530 For Hazmart	95	135
	Equipment (Lump Sum)	95	2,171
P-461	EOD Facility	96	1,300
	Equipment (Lump Sum)	96	2,580
	Renovate Bldgs. 1467-68-69	96	145
	Install Paved Roads in Mag Area	96	200
P-416	Tomahawk Missile Mag (1 Mag)	97	2,800
P-501	MK 48 ADCAP Torpedo Mag (1 Mag)	97	3,200
P-427	Harpoon Mags (2 Mags)	97	6,000
P-507	AIWS Mag (1 Mag)	97	3,450
	Equipment (Lump Sum)	97	1,246
	Install Paved Roads In Mag Area	97	200

*NOTE: FY94 projects are planned for execution in the fourth quarter of FY94.

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
	NONE		

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 facilities. 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
1 Aviation Facilities	58
2 Communication Facilities	28
3 Waterfront Facilities	5,599
4 Other Operational Facilities	1,006
5 Training Facilities	36
6 Aviation Maint/Production	0
7 Shipyard Maint/Production	14
8 Other Maint/Production	37,020
9 RDT&E	127
10 POL Supply Storage	0
11 Ammo Supply Storage	11,787
12 Other Supply Storage	240
13 Medical	0
14 Administrative	2,211
15 Troop Housing/Messing	0
16 Other Pers. Support Services	16
17 Utilities	10,925
18 Real Estate and Structures	28,331
Other (specify)	17,030
Equipment (other than Class 2)	12,250
Activity TOTAL	126,678

11. Investments, continued

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

Total planned Investments = \$ 165,653 K

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
Bldg. 1 Mechanical Repairs	67.0	Routine Maintenance
Bldg. 1 Structural Repairs	35.0	Routine Maintenance
Bldg. 10 Paint Interior	111.0	Routine Maintenance
Bldg. 10 Electrical Main Panel Replacement	44.8	Routine Maintenance
Bldg. 10 Roof Replacement	903.1	Routine Maintenance
Bldg. 107 Bldg Repair Gen Exterior	175.0	Routine Maintenance
Bldg. 119 Water Storage Replacement	1,500.0	Routine Maintenance
Bldg. 12 Exterior Wall Replacement	83.0	Routine Maintenance
Bldg. 12 Heating	480.0	Routine Maintenance

Deficiency	Cost to Correct (\$ K)	Result of Corrections
Boiler Replacement		
Bldg. 1224 Grounding Repairs	96.0	Routine Maintenance
Bldg. 1248 Mechanical Repairs	96.0	Routine Maintenance
Bldg. 1248 Grounding Repairs	75.0	Routine Maintenance
Bldg. 1347 Other Repair Structure	168.0	Routine Maintenance
Bldg. 1349 Paint Exterior	30.0	Routine Maintenance
Bldg. 1450 Bldg Demolition	50.0	Routine Maintenance
Bldg. 1466 Other Repair Structure	357.0	Routine Maintenance
Bldg. 1467 Other Repair Structure	815.0	Routine Maintenance
Bldg. 1469 Other Repair Structure	215.0	Routine Maintenance
Bldg. 1470 Paint Exterior	40.0	Routine Maintenance
Bldg. 1472 Grounding Repairs	86.0	Routine Maintenance
Bldg. 1473 Grounding Repair	36.0	Routine Maintenance

Deficiency	Cost to Correct (\$ K)	Result of Corrections
Bldg. 1474 Ground Repair	36.0	Routine Maintenance
Bldg. 1475 Grounding Repair	36.0	Routine Maintenance
Bldg. 1476 Grounding Repair	61.0	Routine Maintenance
Bldg. 148 Paint Exterior	35.0	Routine Maintenance
Bldg. 16 Mechanical Repairs	90.0	Routine Maintenance
Bldg. 1751 Mechanical Repairs	61.0	Routine Maintenance
Bldg. 1752 Mechanical Repairs	61.0	Routine Maintenance
Bldg. 1753 Mechanical Repairs	96.0	Routine Maintenance
Bldg. 1754 Mechanical Repairs	80.0	Routine Maintenance
Bldg. 1755 Mechanical Repairs	96.0	Routine Maintenance
Bldg. 1757 Mechanical Repairs	96.0	Routine Maintenance
Bldg. 1759 Paint Exterior	35.0	Routine Maintenance
Bldg. 1807	41.579	Routine Maintenance

Deficiency	Cost to Correct (\$ K)	Result of Corrections
Doors Interior Replacement		
Bldg. 1807 Floor Tile Replacement	50.873	Routine Maintenance
Bldg. 1807 HVAC Fan Coil Replacement	58.793	Routine Maintenance
Bldg. 1808 Floor Tile Replacement	53.954	Routine Maintenance
Bldg. 1808 HVAC Replacement	284.530	Routine Maintenance
Bldg. 1816 Paint Exterior	45.0	Routine Maintenance
Bldg. 1816 Mechanical Repairs	135.0	Routine Maintenance
Bldg. 1823 Doors Exterior Replacement	350.0	Routine Maintenance
Bldg. 1828 Door Exterior Replace	31.248	Routine Maintenance
Bldg. 1830 Environment al Hazard Gen	118.0	Routine Maintenance
Bldg. 1832 Paint Exterior	40.0	Routine Maintenance
Bldg. 1833	25.504	Routine Maintenance

Deficiency	Cost to Correct (\$ K)	Result of Corrections
Mechanical Repairs		
Bldg. 1837 Paint Exterior	30.0	Routine Maintenance
Bldg. 1866 Pier Pile Replacement	105.0	Routine Maintenance
Bldg. 1868 Roof Replacement	39.449	Routine Maintenance
Bldg. 1959 Floor Cover Replacement	33.0	Routine Maintenance
Bldg. 2 Repair Structure	32.0	Routine Maintenance
Bldg. 21 Floor Replacement Concrete	35.0	Routine Maintenance
Bldg. 22 Floor Cover Replacement	35.0	Routine Maintenance
Bldg. 22 Roof Replace	40.624	Routine Maintenance
Bldg. 23 Floor Cover Replacement	35.0	Routine Maintenance
Bldg. 23 Roof Replace	58.888	Routine Maintenance
Bldg. 23 Structure Repair	35.0	Routine Maintenance
Bldg. 241 Asbestos	55.008	Routine Maintenance

Deficiency	Cost to Correct (\$ K)	Result of Corrections
Removal		
Bldg. 26 Floor Cover Replacement	35.0	Routine Maintenance
Bldg. 27 Floor Cover Replacement	35.0	Routine Maintenance
Bldg. 27 Grounding Repair	35.0	Routine Maintenance
Bldg. 3 Ramp Load Repair	30.550	Routine Maintenance
Bldg. 3 Heating Boiler Replacement	750.0	Routine Maintenance
Bldg. 354 Paint Exterior	26.0	Routine Maintenance
Bldg. 356 Bldg Demolition	1,078.750	Routine Maintenance
Bldg. 369 Bldg Demolition	1,078.750	Routine Maintenance
Bldg. 370 Heating Boiler Replacement	385.0	Routine Maintenance
Bldg. 372 Wall Siding Replacement	264.0	Routine Maintenance
Bldg. 372 Paint Interior	30.741	Routine Maintenance
Bldg. 373 Environment al Hazard	200.0	Routine Maintenance

Deficiency	Cost to Correct (\$ K)	Result of Corrections
Gen.		
Bldg. 373 Grounding Repair	60.0	Routine Maintenance
Bldg. 380B Elect Main Service Replacement	170.400	Routine Maintenance
Bldg. 380B Heating System Replacement	151.0	Routine Maintenance
Bldg. 381 Hvac Replacement	45.0	Routine Maintenance
Bldg. 385 Grounding Repair	50.0	Routine Maintenance
Bldg. 385 Other Rpr Structure	80.0	Routine Maintenance
Bldg. 4 Piping Sys Steam	34.0	Routine Maintenance
Bldg. 404 Roof Replacement	35.0	Routine Maintenance
Bldg. 430 HVAC Replacement	108.672	Routine Maintenance
Bldg. 430 Elect Fixture Replacement	51.047	Routine Maintenance
Bldg. 431 Heating Boiler Replacement	480.0	Routine Maintenance
Bldg. 436	600.0	Routine Maintenance

Deficiency	Cost to Correct (\$ K)	Result of Corrections
Heating Boiler Replacement		
Bldg. 442 Security Fence Replacement	30.0	Routine Maintenance
Bldg. 443 Other Rpr Structure	30.0	Routine Maintenance
Bldg. 456 Mechanical Repairs	81.689	Routine Maintenance
Bldg. 461 Mechanical Repairs	27.595	Routine Maintenance
Bldg. 466 HVAC Replacement	370.0	Routine Maintenance
Bldg. 466 Window Replacement	51.879	Routine Maintenance
Bldg. 466 Floor Cover Replacement	39.806	Routine Maintenance
Bldg. 466 Elect Main Ser. Replacement	63.641	Routine Maintenance
Bldg. 466 HVAC Replacement	25.806	Routine Maintenance
Bldg. 476 Paint Interior	90.0	Routine Maintenance
Bldg. 480 Wall Ext Mason Repair	86.087	Routine Maintenance

Deficiency	Cost to Correct (\$ K)	Result of Corrections
Bldg. 480 Paint Exterior	54.084	Routine Maintenance
Bldg. 480 Elect Fixture Replacement	74.185	Routine Maintenance
Bldg. 480 Wall/Floor Repair	35.518	Routine Maintenance
Bldg. 480 Heating Boiler Replacement	28.139	Routine Maintenance
Bldg. 481 Wall Ext. Masonry Repair	86.087	Routine Maintenance
Bldg. 481 Paint Exterior	50.902	Routine Maintenance
Bldg. 481 Elect Fixture Replacement	44.533	Routine Maintenance
Bldg. 482 Wall Ext. Masonry Repair	86.087	Routine Maintenance
Bldg. 482 Paint Exterior	54.084	Routine Maintenance
Bldg. 482 Floor Repair Concrete	35.518	Routine Maintenance
Bldg. 482 Elect Fixture Replacement	64.375	Routine Maintenance
Bldg. 483 Wall Ext.	86.0	Routine Maintenance

Deficiency	Cost to Correct (\$ K)	Result of Corrections
Masonry Repairs		
Bldg. 483 Paint Exterior	54.0	Routine Maintenance
Bldg. 483 Elect Fixture Replacement	74.0	Routine Maintenance
Bldg. 5 Structure Loading Dock Rpl	376.688	Routine Maintenance
Bldg. 5 HVAC Replacement	145.785	Routine Maintenance
Bldg. 5 Ceiling Tile Replacement	45.444	Routine Maintenance
Bldg. 5 Rpl Ext/Int Doors	41.150	Routine Maintenance
Bldg. 5 Paint. Exterior	31.744	Routine Maintenance
Bldg. 5 Window Replacement	31.034	Routine Maintenance
Bldg. 5 Floor Cover Rpl	103.633	Routine Maintenance
Bldg. 5 Elect Fixture Rpl	68.472	Routine Maintenance
Bldg. 5 Elect Fixture Rpl	30.196	Routine Maintenance
Bldg. 506 Structure Rprs	48.160	Routine Maintenance
Bldg. 523 Structure Rprs	61.0	Routine Maintenance

Deficiency	Cost to Correct (\$ K)	Result of Corrections
Bldg. 529 Floor Rpr Concrete	42.500	Routine Maintenance
Bldg. 537 Structure Rpr	65.0	Routine Maintenance
Bldg. 539 Structure Rpr	192.0	Routine Maintenance
Bldg. 621 Structure Rpr	45.0	Routine Maintenance
Bldg. 687 Bldg. Rpr	59.950	Routine Maintenance
Bldg. 7 Bldg Rpr Gen Int/Ext	1,500.0	Routine Maintenance
Bldg. 705 Doors Ext Rpl	48.483	Routine Maintenance
Bldg. 705 Window Rpl	65.941	Routine Maintenance
Bldg. 705 Roof Rpl	147.202	Routine Maintenance
Bldg. 705 HVAC Rpl	637.470	Routine Maintenance
Bldg. 710 Elect Sys Rprs Gen	30.0	Routine Maintenance
Bldg. 710 Elect Sys Rprs Gen	49.980	Routine Maintenance
Bldg. 716 Mechanical Rprs	154.405	Routine Maintenance
Bldg. 721 Mechanical Rprs	74.665	Routine Maintenance
Bldg. 726	35.0	Routine Maintenance

Deficiency	Cost to Correct (\$ K)	Result of Corrections
Elect Sys Rprs Gen		
Bldg. 757 Bldg Demolition	1,078.750	Routine Maintenance
Bldg. 761 Elect Sys Rpr Gen	25.575	Routine Maintenance
Bldg. 765 Bldg Demolition	1,078.750	Routine Maintenance
Bldg. 79 Structure Rpr	95.0	Routine Maintenance
Bldg. 791 Paint Exterior	30.460	Routine Maintenance
Bldg. 8 Asbestos Removal	102.838	Routine Maintenance
Bldg. 8 Window Rpl	31.2	Routine Maintenance
Bldg. 80 Structure Rpr	80.0	Routine Maintenance
00DR Environment al Hazard Gen	95.0	Routine Maintenance
00FA Elect Fire Alarm Rpl	1,525.0	Routine Maintenance
00RH Pavement Roadway Rpr	180.0	Routine Maintenance
00SD Engineering Study	140.0	Routine Maintenance

Deficiency	Cost to Correct (\$ K)	Result of Corrections
00SD Steam Dist Sys Rpr	1,074.012	Routine Maintenance
00SD-A Piping Sys Steam Rpl	330.0	Routine Maintenance
00SS Environment al Hazard Gen	1,800.0	Routine Maintenance
00SS Environment al Hazard Gen	1,500.0	Routine Maintenance
00SS Septic Tank Removal	1,452.0	Routine Maintenance
00SS Sewage Sys Rpr	146.0	Routine Maintenance
00WD Water Dist Sys Rpr	6,200.0	Routine Maintenance
00WD Water Dist Sys Rpr	4,000.0	Routine Maintenance
R3 Pier Structure Rpr	920.0	Routine Maintenance
R3 Pier Structure Rpr	920.0	Routine Maintenance
R3 Pier Structure Rpr	920.0	Routine Maintenance
R3 Pier Structure Rpr	806.587	Routine Maintenance
R3 Environment al Hazard Gen	100.0	Routine Maintenance

Deficiency	Cost to Correct (\$ K)	Result of Corrections
R3 Environmental Hazard Gen	100.0	Routine Maintenance
R3 Environmental Hazard Gen	100.0	Routine Maintenance
R3 Pier Pile Rpr	33.0	Routine Maintenance
R3 Pier Structure Rpr	58.0	Routine Maintenance
R3 Pier Deck Rpr	134.0	Routine Maintenance
R3 Pier Deck Rpr	147.0	Routine Maintenance
R3 Pier Pile Rpr	27.0	Routine Maintenance
UST Environmental Hazard Gen	2,568.271	Routine Maintenance
UST Environmental Hazard Gen	1,300.0	Routine Maintenance
UST Environmental Hazard Gen	2,750.0	Routine Maintenance
UST Environmental Hazard Gen	2,000.0	Routine Maintenance
UST Environmental Hazard Gen	500.0	Routine Maintenance

Deficiency	Cost to Correct (\$ K)	Result of Corrections
UST-A Environment al Hazard Gen	1,500.0	Routine Maintenance
Bldg. 1 Asbestos Removal	55.962	Routine Maintenance
Bldg. 107 Asbestos Removal	26.526	Routine Maintenance
Bldg. 1248 Asbestos Removal	116.580	Routine Maintenance
Bldg. 1347 Asbestos Removal	100.837	Routine Maintenance
Bldg. 1347 Asbestos Removal	203.700	Routine Maintenance
Bldg. 1348 Asbestos Removal	97.812	Routine Maintenance
Bldg. 1350 Asbestos Removal	33.574	Routine Maintenance
Bldg. 1350 Asbestos Removal	30.066	Routine Maintenance
Bldg. 1595 Asbestos Removal	49.116	Routine Maintenance
Bldg. 1595 Asbestos Removal	65.035	Routine Maintenance
Bldg. 16 Asbestos Removal	78.252	Routine Maintenance

Deficiency	Cost to Correct (\$ K)	Result of Corrections
Bldg. 1751 Asbestos Removal	73.536	Routine Maintenance
Bldg. 1752 Asbestos Removal	36.232	Routine Maintenance
Bldg. 1757 Asbestos Removal	252.080	Routine Maintenance
Bldg. 1868A Asbestos Removal	76.744	Routine Maintenance
Bldg. 24 Asbestos Removal	91.335	Routine Maintenance
Bldg. 31 Asbestos Removal	33.091	Routine Maintenance
Bldg. 34 Asbestos Removal	64.800	Routine Maintenance
Bldg. 358 Asbestos Removal	47.415	Routine Maintenance
Bldg. 373 Asbestos Removal	30.479	Routine Maintenance
Bldg. 375 Asbestos Removal	390.839	Routine Maintenance
Bldg. 380B Asbestos Removal	236.987	Routine Maintenance
Bldg. 4 Asbestos Removal	49.124	Routine Maintenance
Bldg. 413	50.429	Routine Maintenance

Deficiency	Cost to Correct (\$ K)	Result of Corrections
Asbestos Removal		
Bldg. 446 Asbestos Removal	46.368	Routine Maintenance
Bldg. 456 Asbestos Removal	149.043	Routine Maintenance
Bldg. 457 Asbestos Removal	40.941	Routine Maintenance
Bldg. 466 Asbestos Removal	61.581	Routine Maintenance
Bldg. 5 Asbestos Removal	435.223	Routine Maintenance
Bldg. 500 Asbestos Removal	59.412	Routine Maintenance
Bldg. 501 Asbestos Removal	324.956	Routine Maintenance
Bldg. 521 Asbestos Removal	38.911	Routine Maintenance
Bldg. 521 Asbestos Removal	29.930	Routine Maintenance
Bldg. 528 Asbestos Removal	53.870	Routine Maintenance
Bldg. 530 Asbestos Removal	82.100	Routine Maintenance
Bldg. 530 Asbestos Removal	73.501	Routine Maintenance

Deficiency	Cost to Correct (\$ K)	Result of Corrections
Bldg. 532 Asbestos Removal	37.631	Routine Maintenance
Bldg. 6 Asbestos Removal	960.0	Routine Maintenance
Bldg. 663 Asbestos Removal	81.525	Routine Maintenance
Bldg. 7 Asbestos Removal	160.0	Routine Maintenance
Bldg. 702 Asbestos Removal	66.513	Routine Maintenance
Bldg. 702 Asbestos Removal	59.563	Routine Maintenance
Bldg. 709 Asbestos Removal	57.204	Routine Maintenance
Bldg. 710 Asbestos Removal	167.947	Routine Maintenance
Bldg. 714 Asbestos Removal	56.588	Routine Maintenance
Bldg. 716 Asbestos Removal	50.139	Routine Maintenance
Bldg. 717 Asbestos Removal	50.139	Routine Maintenance
Bldg. 719 Asbestos Removal	83.611	Routine Maintenance
Bldg. 721	101.809	Routine Maintenance

Deficiency	Cost to Correct (\$ K)	Result of Corrections
Asbestos Removal		
Bldg. 722 Asbestos Removal	60.996	Routine Maintenance
Bldg. 724 Asbestos Removal	39.373	Routine Maintenance
Bldg. 781 Asbestos Removal	515.527	Routine Maintenance
Bldg. 790 Asbestos Removal	183.852	Routine Maintenance
Bldg. 8 Asbestos Removal	52.919	Routine Maintenance
Bldg. 8 Asbestos Removal	269.338	Routine Maintenance
Bldg. 93 Asbestos Removal	36.428	Routine Maintenance
Bldg. 93 Asbestos Removal	106.042	Routine Maintenance

12. Stand Alone and Location Factors, continued

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
Cheatham Annex	2 NM
NAVSTA Norfolk	40 NM
NAB Little Creek	32 NM
USCGC Portsmouth	32 NM

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

Table 12.6: Pier Access

Largest Vessel	Limiting Factors
AOE class	<ul style="list-style-type: none"> - Coleman Bridge restricts opening 0600 to 0800 and 1500 to 1800 - Channel depth near York Spit light is 35 feet.

(R)

Note: Table data revised 27 SEP 94.

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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	On station resources.	N/A
Security	On station resources.	N/A
Fire	On station resources.	N/A
Cafeteria	On station resources.	N/A
Parking	On station assets	N/A
Utilities	Obtained from local community	N/A
Child Care	No support obtained from other bases.	

NOTE: WPNSTA Yorktown has reciprocal support agreements for fire protection assistance with Fort Eustis and Langley Air Force Base.

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

Distance = 44 NM
Transit Time = 3.4 hours

12. Stand Alone and Location Factors, continued

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

WPNSTA Yorktown to Interstate 64 - 1/2 mile

WPNSTA Yorktown to Interstate 95 - 65 miles

WPNSTA Yorktown to airports

Newport News/Williamsburg International Airport - 8 miles

Norfolk International Airport - 40 miles

Naval Air Station Norfolk - 35 miles

Langley Air Force Base - 20 miles

WPNSTA Yorktown to Seaports of Embarkation

WPNSTA Yorktown - 0 miles

NSC Cheatham Annex - 4 miles

Norfolk Naval Base - 35 miles

Newport News Marine Terminal - 25 miles

Norfolk International Terminal - 40 miles

WPNSTA Yorktown to Cargo Rail Terminals

WPNSTA Yorktown - 0 miles

Newport News - 15 miles

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

If Yes, are you serviced by single or multiple tracks?

Single / Multiple (# 2)

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

Distance - N/A Miles

12. Stand Alone and Location Factors, continued

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
Cheatham Annex	2 NM
NAVSTA Norfolk	40 NM
NAB Little Creek	32 NM
USCGC Portsmouth	32 NM

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

Table 12.6: Pier Access

Largest Vessel	Limiting Factors
AOE6 class	- Coleman Bridge restricts opening 0600 to 0800 and 1500 to 1800 - Channel depth near York Spit light is 35 feet.

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 sidyard.) Provide data for each category.

Table 13.1: Contingency/Mobilization Storage

Category of Space	Total SF	# of Units	Comment
Revetments	0	0	
Railcars	26,800 flat 45,000 box	62 flat 90 box	
Barges	59,400	22	
Explosive Holding Yards	10,000 railcars 22,400 trucks	20 railcars 70 trucks	
Explosive Anchorages	22,902,264	1	
Barricaded Railroad Siding	64,000	128	
Other (specify)	0	0	
	0	0	

NOTE: There is one Explosives Handling Berth (334.260) East of the Coleman Bridge which can be used to outload ships in the York River. Normally ships loading by barge use Explosive Anchorage G with 250k NEW at Hampton Roads. Explosive loaded barges are berthed at the Explosives Handling Berth W with 500k NEW.

NOTE: No units are excess to planned needs.

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

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.

The ordnance pier, R3, is normally used for outload or downloading ordnance material and not used to berth ships. Any ships berthed at pier R3 will reduce the capability to perform its primary mission. Ships berthed must conform with requirements placed on ships performing outload or downloading operations. CVNs can not be berthed at Yorktown as they can not transit the Coleman bridge. One SSBN could berth at Yorktown restricted by the number of camels available. Two major ships, CLF or amphibious, can be berthed with the largest ship being the AOE6 class. Depth at R3 is 42 feet and the York River channel is 37 feet.

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.

The Naval Weapons Station Emission Control (EMCON) Bill requires all unsafe ordnance to be completely enclosed in metal containers during storage and during transfer between designated safe areas.

During ordnance operations at the ordnance loading pier all shipboard transmitters will be silent, with the exception of the AN/WSC-SATCOM. Ships can obtain permission from the Dockmaster to transmit with 6 watts or less

Under normal conditions, the Naval Weapons Station explosives pier is used to load and off-load explosives. During this time there are hot work restrictions as outlined in OP 5 Vol 1. These restrictions are enforced whenever ships or barges are being loaded or off-loaded at the pier. If all explosives were removed from (1) the barges at the pier, (2) the pier itself, and (3) no ships which contained explosives were berthed at the pier, there would be no restrictions or inhibitions against berthing POL or other ships with empty fuel tanks that are not gas free.

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

	January	February	March	April	May	June
Average % Schedule Interrupted	2.4	2.5	2.4	0	0	1.9

Table 14.1.b: Impact on Operations

	July	August	September	October	November	December
Average % Schedule Interrupted	1.8	1.9	1.2	0	0	0

Note to reader. Estimates of hours lost due to climatic conditions are 12 hours for snow between the months of January and March, 9 hours for lightning between the months of June and August, and 2 hours for hurricane in September (estimate 1 storm per 4/5 years). Calculations were made using 20 or 21 work days per month.

Environment and Encroachment

15. Environmental Considerations

15.1 Identify all environmental restrictions to expansion at your activity.

a. Endangered/Threatened Species and Biological Habitat:

1. *Ambystoma mabeei* (Mabees Salamander) - Endangered/State - 300 acres Important Habitat
2. *Haliaeetus Leucocephalus* (Bald Eagle) - Threatened/Federal - 2000 acres Important Habitat

b. Federal jurisdiction wetlands:

1. Total acreage of jurisdictional wetlands present on station is 595.
2. 100% survey of the station recently conducted. Currently awaiting results.

c. Cultural Resources:

1. A Cultural Resources Survey of the Station is currently funded with FY94 Legacy funds. The study will survey approximately 3,000 acres of the Station, and develop a predictive model for the remaining acreage and test that model.

2. WPNSTA Yorktown has one facility, the Henry Lee House, listed on the National Register of Historic Places, and one facility listed eligible for listing.

d. Installation Restoration (IR):

1. WPNSTA Yorktown is an NPL site, and currently has 21 IR Sites and 19 SSA (Site Screening Area) 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.

Acreage available for industrial development:

- 560 acres (restricted)
- 400 acres (unrestricted)

WPNSTA Yorktown has the capability of adding an unrestricted pier on the waterfront outside of the existing Pier's ESQD Arc. R

Note: Section 15.2 revised 27 SEP 94.

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

WPNSTA Yorktown is currently under interim status with the Commonwealth of Virginia for container storage of hazardous waste at Building 402 and Magazine 16FC15 for greater than 90 days. A new state-of-the-art container storage facility, Building 2035, was recently completed under Military Construction (MILCON) Project P-480 for the storage of hazardous waste for less than 90 days. A revised Part B permit application is being developed by ENSAFE, Inc. to designate Building 2035 as a greater than 90 day container storage facility. In addition to Building 2035, WPNSTA Yorktown has 12 other less than 90 day container storage facilities and 61 satellite container storage areas.

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Environment and Encroachment

15. Environmental Considerations

15.1 Identify all environmental restrictions to expansion at your activity.

a. Endangered/Threatened Species and Biological Habitat:

1. *Ambystoma mabeei* (Mabees Salamander) - Endangered/State - 300 acres
Important Habitat

2. *Haliaeetus Leucocephalus* (Bald Eagle) - Threatened/Federal - 2000 acres
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1. Total acreage of jurisdictional wetlands present on station is 595.

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d. Installation Restoration (IR):

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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.

Acreage available for industrial development:

560 acres (restricted)

369 acres (unrestricted)

WPNSTA Yorktown has the capability of adding an unrestricted pier on the waterfront outside of the existing Pier's ESQD Arc.

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

WPNSTA Yorktown is currently under interim status with the Commonwealth of Virginia for container storage of hazardous waste at Building 402 and Magazine 16FC15 for greater than 90 days. A new state-of-the-art container storage facility, Building 2035, was recently completed under Military Construction (MILCON) Project P-480 for the storage of hazardous waste for less than 90 days. A revised Part B permit application is being developed by ENSAFE, Inc. to designate Building 2035 as a greater than 90 day container storage facility. In addition to Building 2035, WPNSTA Yorktown has 12 other less than 90 day container storage facilities and 61 satellite container storage areas.

15. Environmental Considerations, continued

WPNSTA Yorktown operates one of the few interim status thermal treatment facilities in the Department of Defense at the Explosive Ordnance Disposal (EOD) Range. Currently, the EOD Range is managed by Military personnel. Explosive hazardous waste is received and stored at this site for thermal treatment from both on-site operations at WPNSTA Yorktown as well as from off-site Army, Navy and Air Force facilities.

The Environmental Directorate staff consists of a Hazardous Waste Program Manager, 1 Physical Science Technician, and 2 Hazardous Waste Handlers who manage the Hazardous Waste Program for the Station and its tenant activities.

Effective 1 January 1994, a Hazardous Material (HAZMART) Facility was established at Building 530 to centralize the storage and issue of all hazardous materials for the Station and its tenant activities. This Facility is managed by the Supply Department.

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
SEE NOTE		

NOTE: Encroachments for the purpose of this table are those external conditions over which the Navy has no control which affect or which could affect Yorktown's ability to perform it's assigned mission.

Encroachment: The George P. Coleman Bridge, constructed in 1952, crosses the York River. The constructed open horizontal distance between fender systems to the axis of the channel is 450 feet. The bridge is currently under renovation and when completed will have an open horizontal distance between fender systems to the axis of the channel of 420 feet. The vertical distance of 60 feet at mean high water, and 62 feet at mean low water will not be affected by this contract. The vertical distance in the open position is unlimited.

Encroachment: Whittaker's Mill is a 900 acre parcel of land adjacent to the Naval Weapons Station at the I-64/199 intersection. The parcel of land has transferred several times in the past few years to interested parties with plans for resort/residential/commercial community development. The development of this property could impact the ability to operate our EOD range.

There are no future encroachments which are not already covered by existing ownership of land and water approaches. Changes to explosive safety regulations are dealt with as required and are frequently "grandfathered" as existing conditions and as exemption to the new rules.

Quality of Life

17. Military Housing - Family Housing

NOTE: The Peninsula Naval Complex includes personnel assigned or attached for duty at the various Navy and Marine Corps installations located at WPNSTA Yorktown, Cheatham Annex, tenant components, Navy and Marine Corps Reserve Training Center and commands, permanent party personnel attached at Supervisor of Shipbuilding, Conversion and Repair (SUPSHIP), and personnel assigned to precommissioning and decommissioning units at SUPSHIP, and overhaul ships at SUPSHIP.

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

Yes / No

NO

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

Table 17.2: Available Military Family Housing

Type of Quarters	Number of Bedrooms	Total number of units	Number Adequate	Number Substandard	Number Inadequate
Officer	4+	15	15	0	0
Officer	3	26	26	0	0
Officer	1 or 2	0	0	0	0
Enlisted	4+	28	28	0	0
Enlisted	3	103	103	0	0
Enlisted	1 or 2	286	286	0	0
Mobile Homes	NA	0	0	0	0
Mobile Home lots	NA	40	40	0	0

*R**R
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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.

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

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Quality of Life

17. Military Housing - Family Housing

NOTE: The Peninsula Naval Complex includes personnel assigned or attached for duty at the various Navy and Marine Corps installations located at WPNSTA Yorktown, Cheatham Annex, tenant components, Navy and Marine Corps Reserve Training Center and commands, permanent party personnel attached at Supervisor of Shipbuilding, Conversion and Repair (SUPSHIP), and personnel assigned to precommissioning and decommissioning units at SUPSHIP, and overhaul ships at SUPSHIP.

17.1 Do you have mandatory assignment to on-base housing? Yes / No

NO

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

Table 17.2: Available Military Family Housing

Type of Quarters	Number of Bedrooms	Total number of units	Number Adequate	Number Substandard	Number Inadequate
Officer	4+	15	15		
Officer	3	26	26		
Officer	1 or 2	0	0		
Enlisted	4+	28	28		
Enlisted	3	103	103		
Enlisted	1 or 2	286	286		
Mobile Homes	NA	0	0		
Mobile Home lots	NA	40	40		

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

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

17. Military Housing - Family Housing, continued

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

Table 17.4: Military Housing Waiting List

Pay Grade	Number of Bedrooms	Number on List	Average Wait
O-6/7/8/9	1	NA	NA
	2	NA	NA
	3	NA	NA
	4+	1	14 Months
O-4/5	1	NA	NA
	2	NA	NA
	3	5	6 Months
	4+	1	8 Months
O-1/2/3/CWO	1	NA	NA
	2	NA	NA
	3	5	6 Months
	4+	NA	NA
E7-E9	1	NA	NA
	2	NA	NA
	3	6	6 Months
	4+	3	8 Months
E1-E6	1	NA	NA
	2	39	4 Months
	3	16	6 Months
	4+	5	8 Months

17. Military Housing - Family Housing, continued

17.5 What do you consider to be the top five factors driving the demand for base housing? Does it vary by grade category? If so provide details.

Table 17.5: Housing Demand Factors

Top Five Factors Driving the Demand for Base Housing	
1	Cost
2	Commuting Distance
3	Security
4	Proximity to Facilities
5	Residing in Navy Environment

17.6 What percent of your family housing units have all the amenities required by "The Facility Planning & Design Guide" (Military Handbook 1190 & Military Handbook 1035-Family Housing)?

100 %

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

Table 17.7: Family Housing Utilization

Type of Quarters	Utilization Rate (%)
Adequate	99.7
Substandard	
Inadequate	

Note: Housing Utilization and Occupancy Report reflects vacancy information. (Note added 27 SEP 94.) *(R)*

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

17. Military Housing - Family Housing, continued

17.5 What do you consider to be the top five factors driving the demand for base housing? Does it vary by grade category? If so provide details.

Table 17.5: Housing Demand Factors

Top Five Factors Driving the Demand for Base Housing	
1	Cost
2	Commuting Distance
3	Security
4	Proximity to Facilities
5	Residing in Navy Environment

17.6 What percent of your family housing units have all the amenities required by "The Facility Planning & Design Guide" (Military Handbook 1190 & Military Handbook 1035-Family Housing)?

100 %

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

Table 17.7: Family Housing Utilization

Type of Quarters	Utilization Rate (%)
Adequate	99.7
Substandard	
Inadequate	

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

Quality of Life

18. Military Housing - Bachelor Quarters

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

Table 18.1: BEQ Utilization

Type of Quarters	Utilization Rate (Navy)	Utilization Rate (Marines)
Adequate	83%	110%
Substandard	107.5%	NA
Inadequate	NA	NA

R
R
R
R

Ref: Unaccompanied Personnel Housing (UPH) Utilization Data, Form 2085 *R*

Note: Table data revised 28 SEP 94.

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?

Occupancy has been below 95% due to renovation of Bldg. 707 BEQ.

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

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

AOB = 12 ** *R*

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

Table 18.4: Reasons for Geographic Separation (BEQ)

Reason for Separation from Family	Number of GB	Percent of GB	Comments
Family Commitments (children in school, financial)	0	0	
Spouse Employment (non-military)	0	0	
Other	12	100%	
TOTAL	12	100%	

R
R
R

Note: Section 18.3 and Table 18.4 revised 28 SEP 94.

** Ref: Geographic Bachelor Survey of 3-31-94.

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

87
88 *R* 28 SEP 94

Quality of Life

18. Military Housing - Bachelor Quarters

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

Table 18.1: **BEQ Utilization**

Type of Quarters	Utilization Rate
Adequate	
Substandard	
Inadequate	98

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?

Occupancy has been below 95% due to renovation of Bldg. 707 BEQ.

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

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

AOB = 11

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

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

Reason for Separation from Family	Number of GB	Percent of GB	Comments
Family Commitments (children in school, financial, etc.)	0	0	
Spouse Employment (non-military)	0	0	
Other	11	100%	
TOTAL	11	100%	

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

ACTIVITY: 00109

GB Off-Base - 18

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	100%
Substandard	
Inadequate	

R

Note: Table revised 28 SEP 94. Ref: Unaccompanied Personnel Housing (UPH) Utilization Data, Form 2085

18.7 As of 31 March 1994, have you experienced much of a change since FY 1993? If so, why? If occupancy is under 95% (or vacancy over 5%), is there a reason? No.

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

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

AOB = 0** *R*

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

Table 18.9: Reasons for Geographic Separation (BOQ)

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

R
R
R
R

Note: Table revised 28 SEP 94. Ref: Geographic Bachelor Survey of 3-31-94.

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

GB Off-Base = 4** *R*

** Note: Ref: Geographic Bachelor Survey of 3-31-94. *R*

9
8 *R* 28 SEP 94

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	95
Substandard	
Inadequate	

18.7 As of 31 March 1994, have you experienced much of a change since FY 1993? If so, why? If occupancy is under 95% (or vacancy over 5%), is there a reason? No.

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

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

AOB = 3

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

Table 18.9: **Reasons for Geographic Separation (BOQ)**

Reason for Separation from Family	Number of GB	Percent of GB	Comments
Family Commitments (children in school, financial, etc.)	2	67	
Spouse Employment (non-military)	0	0	
Other Separation/Divorce	1	33	
TOTAL	3	100	

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

GB Off-Base = -0-

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. None.

LOCATION ALL ON BASE DISTANCE N/A

Table 19.1.a: MWR Facilities Summary

Facility	Unit of Measure	Total	Profitable (Y/N/N/A)
Auto Hobby	Indoor Bays	6	N/A
	Outdoor Bays	NONE	
Arts / Crafts	SF	NONE	
Wood Hobby	SF	3,480	N/A
Bowling	Lanes	6	N/A
Enlisted Club	SF	NONE	
Officers Club	SF	13,485	Y
Library	SF	5,400	N/A
Library	Books	25,000	N/A
Theater	Seats	370	N/A
ITT	SF	NONE	
Museum / Memorial	SF	NONE	
Pool (indoor)	Lanes	NONE	
Pool (outdoor)	Lanes	6	N/A
Beach	LF	NONE	
Swimming Ponds	Each	NONE	
Tennis Court	Each	3	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	1	N/A
Basketball court (outdoor)	Each	3	N/A
Racquetball court	Each	1	N/A
Golf Course	Holes	9	Y
Driving Range	Tee Boxes	8	N/A
Gymnasium	SF	19,008	N/A
Fitness Center	SF	NONE	
Marina	Berths	NONE	
Stables	Stalls	15	N/A
Softball Field	Each	3	N/A
Football Field	Each	1	N/A
Soccer Field	Each	1	N/A
Youth Center	SF	2,520	N/A
Recreation Center	SF	18,840	N/A

19.2 Is your library part of a regional interlibrary loan program?

Yes / No

Quality of Life

23. Off-base Housing Rental and Purchase

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

Table 23.1: Recent Rental Rates

Type of Rental	Average Monthly Rent		Average Monthly Utilities Cost
	Annual High	Annual Low	
Efficiency	\$311		UNKNOWN
Apartment (1-2 Bedroom)	\$494		\$100
Apartment (3+ Bedroom)	\$647		\$150
Single Family Home (3 Bedroom)	\$800		\$150
Single Family Home (4+ Bedroom)	\$1,000		\$200
Town House (2 Bedroom)	\$515		\$100
Town House (3+ Bedroom)	\$555		\$150
Condominium (2 Bedroom)	\$575		\$100
Condominium (3+ Bedroom)	NA		NA

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	92.4
Apartment (1-2 Bedroom)	95.5
Apartment (3+ Bedroom)	97.5
Single Family Home (3 Bedroom)	99
Single Family Home (4+ Bedroom)	99
Town House (2 Bedroom)	98
Town House (3+ Bedroom)	98.5
Condominium (2 Bedroom)	98
Condominium (3+ Bedroom)	98.5

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.

Family home care and other military bases in the area.

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

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

Fort Eustis	130 - 1 to 5 years, 10 minutes
Langley Air Force	292 - 0 to 5 years, 20 minutes
Fort Monroe	80 - 0 to 5 years, 30 minutes

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/Package Store	SF	6013
Gas Station	SF	1308
Auto Repair	SF	0
Auto Parts Store	SF	0
Commissary	SF	12063
Mini-Mart	SF	1317
Package Store	SF	0
Fast Food Restaurants	Each	1
Bank/Credit Union	Each	1
Family Service Center	SF	5400
Laundromat	SF	0
Dry Cleaners	Each	3
ARC	PN	0
Chapel	PN	200
FSC Classroom/Auditorium	PN	25
Uniform Shop	SF	884
Country Store	SF	1600

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)
Newport News	15
Hampton	20
Norfolk	40
Richmond	65

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	105.73	59.16
E2	93.00	58.48
E3	87.75	64.66
E4	105.87	73.89
E5	129.27	90.26
E6	147.34	100.30
E7	192.30	133.58
E8	170.31	128.75
E9	217.51	165.12
W1	256.58	194.86
W2	233.10	182.83
W3	200.09	162.66
W4	187.72	166.44
O1E	243.67	180.75
O2E	244.85	195.22
O3E	189.35	160.19
O1	134.93	99.43
O2	155.28	121.37
O3	199.07	167.61
O4	181.43	157.78
O5	197.44	163.28
O6	188.76	156.24
O7	118.08	95.94

Quality of Life

20. Base Family Support Facilities and Programs

20.1 Complete the following table on the availability of child care in a child care center on your base.
Table 20.1: Child Care Availability

Age Category	Capacity (# of Children)	SF			Number on Wait List	Average Wait (Days)
		Adequate	Substandard	Inadequate		
0-6 Months	1	X			3	128
6-12 Months	7	X			9	176
12-24 Months	20	X			34	240
24-36 Months	21	X			19	152
3-5 Years	60	X			2	35

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Note: Table revised 28 SEP 94. Ref: Request for Child Care Services, DD Form 2606, of 8 SEP 94.

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

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

Quality of Life

20. Base Family Support Facilities and Programs

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

Table 20.1: Child Care Availability

Age Category	Capacity (# of Children)	SF			Number on Wait List	Average Wait (Days)
		Adequate	Substandard	Inadequate		
0-6 Months	1	X			11	240
6-12 Months	7	X			11	180
12-24 Months	20	X			22	90
24-36 Months	21	X			8	70
3-5 Years	60	X			0	0

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

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

20. Base Family Support Facilities and Programs, continued

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

Parents are referred to the other military bases in the area for their Child Development Center and Family Home Care programs. R

Note: Section 20.3 revised 29 SEP 94.

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

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

Fort Eustis	130 - 1 to 5 years, 10 minutes
Langley Air Force	292 - 0 to 5 years, 20 minutes
Fort Monroe	80 - 0 to 5 years, 30 minutes

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/Package Store	SF	8788
Gas Station	SF	1380
Auto Repair	SF	0
Auto Parts Store	SF	0
Commissary	SF	12063
Mini-Mart	SF	1317
Package Store	SF	0
Fast Food Restaurants	Each	1
Bank/Credit Union	Each	1
Family Service Center	SF	5400
Laundromat	SF	0
Dry Cleaners	Each	3
ARC	PN	0
Chapel	PN	200
FSC Classroom/Auditorium	PN	25
Uniform Shop	SF	1600
Country Store	SF	1600

Note: Table data revised 29 SEP 94.

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)
Newport News	15
Hampton	20
Norfolk	40
Richmond	65

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)	\$96,000
Single Family Home (4+ Bedroom)	\$135,000
Town House (2 Bedroom)	\$60,000
Town House (3+ Bedroom)	\$70,000
Condominium (2 Bedroom)	\$50,000
Condominium (3+ Bedroom)	\$60,000

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23. Off-base Housing Rental and Purchase, continued

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

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Month	Number of Bedrooms		
	2	3	4+
January	14	27	4
February	17	26	5
March	20	45	4
April	28	53	9
May	25	49	6
June	49	58	13
July	48	62	8
August	32	69	16
September	56	51	18
October	38	54	12
November	40	61	10
December	37	44	16

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NOTE: Table data revised 20 OCT 94. Data provided by the Tidewater Board of Realtors, Norfolk, VA. The data as requested is not available from the Peninsula Board of Realtors, Newport News per their MLS Director.

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

The principle housing cost driver for our area is the housing location, the neighborhood amenities provided such as security guards and landscaping services, and the recreational facilities provided such as tennis courts, pools, and golf courses.

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

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.

NOTE: INFORMATION NOT AVAILABLE

Table 23.4: **Housing Availability**

Month	Number of Bedrooms		
	2	3	4+
January			
February			
March			
April			
May			
June			
July			
August			
September			
October			
November			
December			

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

NOTE: The principle housing cost driver for our area is the housing location, the neighborhood amenities provided such as security guards and landscaping services, and the recreational facilities provided such as tennis courts, pools, and golf courses.

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
EO	0	9
ET	0	5
FC	0	12
GMM	0	44
TM	0	19

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)
Newport News	23.9	10-15	20
Gloucester	21.9	12	30
York County	20.1	10-15	20
Hampton	10.0	20	30
Williamsburg-James City County	8.7	10-15	20

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****Public Schools**

NOTE: Special Education Available. All public schools in Virginia are required to meet the needs of all students. All the schools above have programs as required for the mentally retarded, learning disabled, emotionally disturbed, hearing impaired, visually impaired. They also provide occupational and physical therapy, and special transportation

Institution	Grade Level(s)	Annual Enrollment Cost/Student	SAT/ ACT Score	% HS to College	Source of Info
Gloucester County Public Schools	primary	3,013			school administration
	middle	1,459			
	secondary	1,659	413V 425M	62%		high school guidance off
Hampton City Public Schools	primary	11,496			student services
	middle	5,280			
	secondary	5,777	393V 434M	83.6%	
Newport News City Public Schools	primary	17,205			research services
	middle	6,960			
	secondary	7,660	414V	50% (4	

			448M	yr coll)	
Poquoson City Public Schools	primary	1,047			school administration
	middle	596			
	secondary	753	475M 441V	88%	
Williamsburg-James City County Public Schools	primary	3,520			school information
	middle	1,548			
	secondary	1,789	436V 475M	75%	
York County Public Schools	primary	4,949			information services
	middle	2,483			
	secondary	3,090	427V 472M	87%	

Table 26.1: Educational Opportunities

Private Schools

NOTE: Special Education Available. Private schools reported that mildly retarded and handicapped children were "mainstreamed" since the teacher-student ratio allowed more time with children with special needs; however, private schools could not compete with the state supported programs for severely retarded or handicapped children and the parents would have to pay the expenses if the school could provide the special education needs of the child.

Institution	Grade Level(s)	Annual Enrollment Cost/Student	SAT/ACT Score	% HS to College	Source of Info
Bethel Christian School	pre-school	58 \$1130/yr			school administrator
"	primary	92 \$1805/yr			
"	middle	39 \$1905/yr			
"	secondary	34 \$1905/yr	unk	unk	
Central Baptist Schools	pre-school	5 \$75/wk			church office
"	primary	30 \$900/yr			
"	middle	15 \$900/yr			
Chestnut Memorial Schools	pre-school	100 \$70/mo			school administrator

Cook's Kindergarten	pre-school	14 \$65/wk			school office
Cook's Kindergarten	primary (K - 1)	22 \$55/wk			
Denbigh Baptist Christian School	primary	180 \$1890/yr			school administrator
"	middle	180 \$2000/yr			school administrator
Denbigh Christian Academy	pre-school (4 yrs)	17 \$132/mo			school administrator
"	primary (K - 5)	192 \$158/mo			
Downtown Hampton Child Development	pre-school	30 \$25 - \$60 income based			school administrator
Emmanuel Lutheran School	pre-school full day	47 \$89/wk			school administrator
"	primary	81 \$49/wk			
Faith Outreach Education Center	primary (K - 3)	40 \$150/mo			school administrator
Faith Presbyterian Pre- school	pre-school	39 \$50-67/mo			center administrator
First United Methodist Pre-school	pre-school	75 \$65-100/mo			school employee
Fox Hill Private School	pre-school	12:1 ratio \$65/wk			school employee
"	primary	20:1 ratio \$65/wk			
The Garden of Children LTD	pre-school	9 \$150/mo			school administrator

"	primary (K only)	8 \$160/mo			
Gloria Dei Lutheran School	pre-school	172 \$106-139/mo			school administrator
"	primary	275 \$225-234/mo			
Hampton Christian Schools	primary (K - 6)	255 \$2,529/yr			school administrator
"	secondary (7 - 12)	190 \$3,168/yr	unk	unk	
" (Mary Atkins Pre-school)	pre-school	55 \$2,187/yr			
Hampton Montessori School, INC	pre-school	60 \$200-220/mo			school administrator
Hampton Roads Academy	middle (6 - 8)	180 \$5300/yr			school administrator
"	secondary	240 \$5800/yr	544V 595M	100%	
Hampton Roads Montessori School	pre-school	60 \$250-325/mo			school administrator
Hilton Presbyterian Pre-School	pre-school	72 \$52-95/mo			pre-school employee
Holloman Child Development Center Grafton	primary	175 \$75/wk			school administrator
Kiddie Care Gloucester	pre-school	100 \$66/wk			center employee
Kindercare Learning Center	pre-school	480 (4 sites) \$82/wk			center administrator
La Petite	pre-school	210 (2 sites) \$79/wk			center administrator

Living Word Academy	pre-school	30 \$99/mo			school administrator
"	primary	60 \$119/mo			school administrator
Lollipop Lane Education Center	pre-school	85 \$70/wk			center employee
"	primary	20 \$70/wk			
Orcutt Baptist School	pre-school	114 \$1300/yr			school administrator
"	primary	100 \$2000/yr			
Our Lady of Mount Carmel School	primary (K - 7)	368 \$1169/yr			school administrator
Parkview Christian Academy	pre-school	35 \$60/wk			school secretary
"	primary	40 \$60/wk			
Peninsula Catholic High School	secondary	228 \$3300- 3750/yr	1033 total	98%	school administrator
Play Time Learning Center	pre-school	90 \$75/wk			center employee
St. Andrew's Episcopal School	pre-school primary (K - 5)	218 \$123-268/mo			church secretary
St. John Child Care Kindergarten	pre-school	68 \$60/wk			center employee
St. Mary's School	primary	311 \$1600- 2050/yr			school administrator
Second Presbyterian	pre-school	99			pastor

Church		\$60-70/mo			
Trinity Lutheran School	pre-school	102 \$107-217/mo			church secretary
Ware Academy	pre-school	37 \$100/mo			school administrator
"	primary middle (K - 8)	111 \$2150- 2600/yr			
Warwick Kid's Academy	pre-school	90 \$55/wk			school secretary
Warwick Rive Christian Academy	pre-school	210 \$685-\$2010			school administrator
While Away Private School	pre-school	50 \$90/mo			school administrator
Williamsburg Christian Academy	primary	90 \$1000- 2200/yr			school administrator
"	middle	30 \$2850/yr			
"	secondary	40 \$3000/yr	525V 590M	90%	
Wallsingham Academy	primary middle	229 \$3250- 3600/yr			school administrator
"	secondary	242 \$4000/yr	521M 536M	100%	
Woodside Pre-School	pre-school	60 \$35/wk			owner

26. Regional Educational Opportunities, continued

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

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

Institution	Type Classes	Program Type				
		Adult High School	Vocational/ Technical	Undergraduate		Graduate
				Courses only	Degree Program	
CHRISTOPHE R NEWPORT UNIVERSITY	Day Y	N	N	Y	Y	Y
	Night Y	N	N	Y	Y	Y
HAMPTON UNIVERSITY	Day Y	N	N	Y	Y	Y
	Night Y	N	N	Y	Y	Y
COLLEGE OF WILLIAM AND MARY	Day Y	N	N	Y	Y	Y
	Night Y	N	N	Y	Y	Y
REGENT UNIVERSITY	Day Y	N	N	N	Y	Y
	Night N	N	N	N	N	N
GEORGE WASHINGTON UNIVERSITY	Day Y	N	N	N	N	Y
	Night N	N	N	N	N	N

26. Regional Educational Opportunities, continued

Institution	Type Classes	Program Type				
		Adult High School	Vocational/ Technical	Undergraduate		Graduate
				Courses only	Degree Program	
THOMAS NELSON	Day Y	N	Y	Y	Y	N
COMMUNITY COLLEGE	Night Y	N	Y	Y	Y	N
CENTER FOR EMPLOYMENT	Day Y	N	Y	N	N	N
TRAINING	Night N	N	N	N	N	N
NEW HORIZONS	Day Y	N	Y	N	N	N
TECHNICAL CENTER	Night Y	N	Y	N	N	N
RIVERSIDE SCHOOL OF	Day Y	N	Y	N	N	N
PROFESSIONA L NURSING	Night Y	N	Y	N	N	N
COMMONWE ALTH COLLEGE	Day Y	N	Y	N	N	N
	Night Y	N	Y	N	N	N

26. Regional Educational Opportunities, continued

Institution	Type Classes	Program Type				
		Adult High School	Vocational/ Technical	Undergraduate		Graduate
				Courses only	Degree Program	
ECPI COMPUTER INSTITUTE	Day Y	N	Y	N	N	N
	Night Y	N	Y	N	N	N
TIDEWATER TECHNICAL SCHOOL	Day Y	N	Y	N	N	N
	Night Y	N	Y	N	N	N
KEE BUSINESS COLLEGE	Day Y	N	Y	N	N	N
	Night Y	N	Y	N	N	N
COMPUTER DYNAMICS INSTITUTE	Day Y	N	Y	N	N	N
	Night Y	N	Y	N	N	N
ADVANCED TECHNOLOG Y INSTITUTE	Day Y	N	Y	N	N	N
	Night N	N	N	N	N	N

26. Regional Educational Opportunities, continued

Institution	Type Classes	Program Type				
		Adult High School	Vocational/ Technical	Undergraduate		Graduate
				Courses only	Degree Program	
AMERICAN SPIRIT INSTITUTE	Day Y	N	Y	N	N	N
	Night N	N	N	N	N	N
C. I. TRAVEL SCHOOL	Day Y	N	Y	N	N	N
	Night N	N	N	N	N	N
CAREER DEVELOPME N CENTER	Day Y	N	Y	N	N	N
	Night N	N	N	N	N	N
GIBSON WORLD TRAVEL SCHOOL	Day Y	N	Y	N	N	N
	Night N	N	N	N	N	N
INTERNATION AL BARTENDING INSTITUTE	Day Y	N	Y	N	N	N
	Night N	N	N	N	N	N

26. Regional Educational Opportunities, continued

Institution	Type Classes	Program Type				
		Adult High School	Vocational/ Technical	Undergraduate		Graduate
				Courses only	Degree Program	
LUCAS TRAVEL SCHOOL	Day Y	N	Y	N	N	N
	Night N	N	N	N	N	N
OLIVIA D'SHEAS FASHION MODELE ACADAMIE	Day Y	N	Y	N	N	N
	Night N	N	N	N	N	N
HAMPTON ADULT EDUCATION	Day N	N	N	N	N	N
	Night Y	Y	N	N	N	N
NEWPORT NEWS ADULT EDUCATION	Day N	N	N	N	N	N
	Night Y	Y	N	N	N	N
WILLIAMSBUR G/JAMES CITY ADULT EDUCATION	Day N	N	N	N	N	N
	Night Y	Y	N	N	N	N

26. Regional Educational Opportunities, continued

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

Table 26.3: On-Base Educational Programs

Institution	Type Classes	Program Type				
		Adult High School	Vocational/ Technical	Undergraduate		Graduate
				Courses only	Degree Program	
None	Day					
	Night					
	Correspondence					
	Day					
	Night					
	Correspondence					
	Day					
	Night					
	Correspondence					
	Day					
	Night					
	Correspondence					

NOTE: Some correspondence courses are available through OPM but not for program types shown.

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Quality of Life

27. Spousal Employment Opportunities

27.1 Provide the following data on spousal employment opportunities.

Table 27.1: Spouse Employment

Skill Level	# Military Spouses Serviced by FSC Spouse Employment Assistance			Local Community Unemployment Rate (%) (Mar 94)
	1991	1992	1993	
Professional				
Manufacturing				
Clerical				
Service				
Other		421 clients	761 clients	5.5%

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Note: Table data revised 29 SEP 94.

Changes made by Naval Audit Service on 19 JUL 94. Ref:SD-27-b and d for supporting documentation. R

Quality of Life

27. Spousal Employment Opportunities

27.1 Provide the following data on spousal employment opportunities.

Table 27.1: Spouse Employment

Skill Level	# Military Spouses Serviced by FSC Spouse Employment Assistance			Local Community Unemployment Rate (%) (Mar 94)
	1991	1992	1993	
Professional				
Manufacturing				
Clerical				
Service				
Other		137 clients	623 clients	5.5%

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.

Active duty experience a delay for routine orthopedic appointments (90 days) and neurology (120 days) in the military health care system. It is difficult to provide all the preventive dental care procedures an active duty member is entitled, per Commanding Officer of NOB Dental Clinic. Access to military dental care is available. All active duty care is initiated in the military health care system. When referrals are made to the civilian health care system access is available.

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.

Families of military members experience limited, selective, or closed (no) services in the following areas of the military health care system: Dental (closed), allergy (limited), dermatology (limited), gastroenterology (limited), gynecology (limited for non-acute and acute care, and colposcopy, infertility is selective, all other GYN services are open), HIV (closed), internal medicine (limited), neurology (closed until summer of 94), neurosurgery (closed), OB post partum (limited), ophthalmology (limited), optometry (closed), orthopedics (limited), pediatrics (selective for school physicals, neurology, and child development, closed for dermatology, closed for cardiology until summer of 94, limited for asthma and routine and chronic care appointments), physical therapy (closed), plastic surgery (selective), psychiatry (closed), psychology (closed), and rheumatology (limited). When referred or care is sought under CHAMPUS or delta dental, care is available in the civilian health care system.

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.

NOTE: The local authorities will not provide crime rate data. The following tables reflect crime statistics for on-Station incidents including military housing.

Table 29.1.a: Local Crime Rate

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

29. **Crime Rate, continued**Table 29.1.b: **Local Crime Rate**

Crime Definitions	FY 1991	FY 1992	FY 1993
5. Customs (6M)			
Base Personnel - military	1	1	
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
6. Burglary (6N)			
Base Personnel - military	2	3	5
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian	6	3	6
7. Larceny - Ordnance (6R)			
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
8. Larceny - Government (6S)			
Base Personnel - military	23	16	19
Base Personnel - civilian			2
Off Base Personnel - military			
Off Base Personnel - civilian	1	2	

29. Crime Rate, continued

Table 29.1.bc: Local Crime Rate

Crime Definitions	FY 1991	FY 1992	FY 1993
9. Larceny - Personal (6T)			
Base Personnel - military	7	35	27
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian	47	17	21
10. Wrongful Destruction (6U)			
Base Personnel - military	35	21	23
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian	44	10	12
11. Larceny - Vehicle (6V)			
Base Personnel - military		2	
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			1
12. Bomb Threat (7B)			
Base Personnel - military	5	4	
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian	7	6	

29. **Crime Rate, continued**Table 29.1.d: **Local Crime Rate**

Crime Definitions	FY 1991	FY 1992	FY 1993
13. Extortion (7E)			
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian		1	
14. Assault (7G)			
Base Personnel - military	15	9	4
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian	22	6	11
15. Death (7H)			
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
16. Kidnapping (7K)			
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian	1		

29. **Crime Rate, continued**Table 29.1.e: **Local Crime Rate**

Crime Definitions	FY 1991	FY 1992	FY 1993
18. Narcotics (7N)			
Base Personnel - military	2		
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
19. Perjury (7P)			
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
20. Robbery (7R)			
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
21. Traffic Accident (7T)			
Base Personnel - military	71	55	63
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian	23	45	9

29. **Crime Rate, continued**Table 29.1.f: **Local Crime Rate**

Crime Definitions	FY 1991	FY 1992	FY 1993
22. Sex Abuse - Child (8B)			
Base Personnel - military		1	
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian	4		
23. Indecent Assault (8D)			
Base Personnel - military			2
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			1
24. Rape (8F)			
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian		1	
25. Sodomy (8G)			
Base Personnel - military		1	
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			

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

NEXT ECHELON LEVEL (if applicable)

S. W. DELAPLANE
NAME (Please type or print)
COMMANDER
Title NAVAL ORDNANCE CENTER
ATLANTIC DIVISION
Activity

S. W. Delaplane
Signature
6 JUNE 94
Date

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

NEXT ECHELON LEVEL (if applicable)

R. SUTTON, RADM, USN
NAME (Please type or print)
COMMANDER
Title NAVAL ORDNANCE CENTER
Activity

R. Sutton
Signature
14 JULY 94
Date

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

MAJOR CLAIMANT LEVEL

G. R. STERN
NAME (Please type or print)
Commander
Title Naval Sea Systems Command
Activity

G. R. Stern
Signature
7/15/94
Date

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

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

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

W. A. Earner
Signature
7/26/94
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."

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

DATA CALL #46, MILITARY VALUE ANALYSIS

ACTIVITY COMMANDER

S. W. DELAPLANE
NAME (Please type or print)

COMMANDING OFFICER
Title
NAVAL WEAPONS STATION
YORKTOWN, VA.

Activity
Data Call 46 - Military Value


Signature
6 JUNE 94
Date

70

Wpnota Yorktown - Data call 46 revision

106

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

NEXT ECHELON LEVEL (if applicable)

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

Signature



Commander
Title

Date

10/25/94

Naval Ordnance Center

Atlantic 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

Date

10/26/94

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 RADM, USN
NAME (Please type or print)

Signature



Acting Commander
Title

Date

11/2/94

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)

W. A. EARNER

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

Signature

Title

Date

11/25/94

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.

DATA CALL #46, MILITARY VALUE (Revised Page)

ACTIVITY COMMANDER

S. W. DELAPLANE
NAME (Please type or print)

Commanding Officer
Title

Naval Weapons Station
Yorktown, Virginia
Activity

Signature 

Date 21 Oct 94

Wpnssta gforttown DC 46 Revision

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)

R. A. REISH

NAME (Please type or print)

Signature *R. A. Reish*

Acting Commander

Title

Date *18 NOV 94*

Naval Ordnance Center

Atlantic 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 *R. Sutton*

Commander

Title

Date *25 NOV 94*

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 *G. R. Sterner*

Commander

Title

Date *11/29/94*

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)

W. A. EARNER

NAME (Please type or print)

W. A. EARNER

Signature

12/5/94

Title

Date

R

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."

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DATA CALL #46, MILITARY VALUE (Revised Pages)

ACTIVITY COMMANDER

S. W. DELAPLANE
NAME (Please type or print)

Signature 

Commanding Officer
Title

Date 16 Nov 94

Naval Weapons Station
Yorktown, Virginia
Activity

R

WPNSTA YORKTOWN - DATA CALL 46 REVISION

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. A. REISH
NAME (Please type or print)

Signature R. A. Reish

Acting Commander
Title

Date 11/8/94

Naval Ordnance Center

Atlantic 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)
COMMANDER

Signature R. Sutton

Title

Date 27 NOV 94

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)
G. R. STERNER

Signature G. R. Sterner

Commander
Title
Naval Sea Systems Command

Date 11/29/94

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 W. A. Earner

Title

Date 12/5/94

2

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

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DATA CALL #46, MILITARY VALUE (Revised Page)

ACTIVITY COMMANDER

S. W. DELAPLANE
NAME (Please type or print)



Signature

Commanding Officer
Title

Date

11/3/94

Naval Weapons Station
Yorktown, Virginia
Activity

Wpnota Yorktown - Data call 46 revisions

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)

S. W. DELAPLANE
NAME (Please type or print)

Signature 

Commander
Title

Date 3 OCT 94

Naval Ordnance Center

Atlantic 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

Date 26 OCT 94

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
Activity

Date 11/5/94

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

Date 12/2/94

R

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

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DATA CALL #46, MILITARY VALUE (Revised Pages)

ACTIVITY COMMANDER

S. W. DELAPLANE
NAME (Please type or print)

Signature 

Commanding Officer
Title

Date 3 OCT 94

Naval Weapons Station
Yorktown, Virginia
Activity

NWS Yorktown - Data call 46 annex revision, unclassified PG. 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)

106

R. A. REISH
NAME (Please type or print)
Acting Commander
Title
Naval Ordnance Center
Atlantic Division
Activity

Signature *R. A. Reish*
Date *18 Nov 94*

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)
COMMANDER
Title
NAVAL ORDNANCE CENTER
Activity

Signature *R. Sutton*
Date *30 NOV 94*

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
G. R. STERNER
NAME (Please type or print)
Commander
Title
Naval Sea Systems Command
Activity

Signature *G. R. Sterner*
Date *12/8/94*

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

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

W. A. Earner
W. A. EARNER
NAME (Please type or print)
12/22/94
Date
Title

Signature
Date

R

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.

DATA CALL #46, MILITARY VALUE (Revised Page 3, SPECIAL WEAPONS DEPT)

ACTIVITY COMMANDER

S. W. DELAPLANE
NAME (Please type or print)

Signature 

Commanding Officer
Title

Date 16 NOV 94

Naval Weapons Station
Yorktown, Virginia
Activity

YKTN

20 June 1994

*Entire Data Call
Revision*

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	.....	COMNAVSEASYSKOM - Naval Weapons Stations
	.....	CINCPACFLT - 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

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Table of Acronyms

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

Activity: 00109

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

Questions for the Activities:

Primary Activity UIC: 00109

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

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).*

NOTE: The upper row indicates the all-up-round of the commodity type and the lower row indicates the quantity of components for all entries in Table 1.1.a and Table 1.1.b.

R

1. Inventory, continued

Table 1.1.a: Historic and Predicted Inventory - Revised

Ammunition / Ordnance Commodity Type	Units in Inventory (items)								
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993	
Mines	**	**	1028 1040619	971 965880	552 822428	215 723593	221 608618	101 540005	(R)
Torpedoes	**	**	354 22924	627 60942	608 40108	468 64489	939 17310	779 42450	(R)
Air Launched Threat	**	**	4665 65469	4364 62303	5087 92909	6753 83126	6893 66266	6269 67335	(R)
Surface Launched Threat	**	**	798 16594	1015 16276	911 25120	1269 22938	1129 25318	959 20365	(R)
Other Threat	**	**	***	***	***	***	***	***	
Expendables	**	**	****	****	****	****	****	****	
INERT	**	**	2394780	2319072	2138715	1916630	1326474	998127	(R)
CADs/PADs	**	**	173522	191070	158690	114886	152974	102775	(R)
Strategic Nuclear	*	*	*	*	*	*	*	*	
Tactical Nuclear	*	*	*	*	*	*	*	*	
LOE: Rockets	**	**	54561	65427	66199	47838	30459	25519	
LOE: Bombs	**	**	579285	623489	680733	513822	298349	297143	
LOE: Gun Ammo (20mm-16")	**	**	1963203	1891866	1708050	1513946	1866924	1790885	(R)
LOE: Small Arms (up to 50 cal.)	**	**	14911599	26799713	27053112	20549435	25157089	15702428	(R)
LOE: Pyro/Demo	**	**	1237247	1033069	818522	840845	1395822	1057032	(R)
Grenades/Mortars/ Projectiles	**	**	202950	207928	206035	174718	186483	193540	(R)

*NOTE: Classified data reported separately.

**NOTE: No requirement to keep records beyond five years, information not available.

***NOTE: Tomahawk (2D) included in Surface Launched Threat.

****NOTE: Expendables included in Inert and Components categories.

NOTE: Table revised 06SEP94.

4 R 16 SEPT 94

Encl (1)

1. **Inventory, continued**Table 1.1.a: **Historic and Predicted Inventory - Revised**

Ammunition / Ordnance Commodity Type	Units in Inventory (items)							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Mines	**	**	1028 1040619	970 965881	552 822428	215 723593	220 608619	100 540006
Torpedoes	**	**	354 66269	627 70492	608 40352	465 64277	877 17918	779 42665
Air Launched Threat	**	**	5665 64570	4279 62889	5077 92932	6734 83499	6817 66495	6348 67495
Surface Launched Threat	**	**	799 16548	1009 16290	916 24963	1269 22717	1128 24788	959 19908
Other Threat	**	**	NA	NA	NA	NA	NA	NA
Expendables	**	**	NA	NA	NA	NA	NA	NA
INERT	**	**	3613400	3968200	1351167	1227359	743221	433227
CADs/PADs	**	**	173522	191070	153690	114886	152974	102775
Strategic Nuclear	*	*	*	*	*	*	*	*
Tactical Nuclear	*	*	*	*	*	*	*	*
LOE: Rockets	**	**	54561	65427	66199	47838	30459	25519
LOE: Bombs	**	**	579285	623489	680733	513822	298349	297143
LOE: Gun Ammo (20mm-16")	**	**	1391383	1118261	1247473	1091970	1346718	1349523
*** LOE: Small Arms (up to 50 cal.)	**	**	2278907	407924	4294214	4169885	3965971	2413897
LOE: Pyro/Demo	**	**	1237247	1033069	818522	839856	1422922	1057032
Grenades/Mortars/ Projectiles	**	**	202950	196382	197347	159956	187826	192640

*NOTE: Classified data reported separately.

**NOTE: No requirement to keep records beyond five years, information not available.

***NOTE: Additional items in FY 94 and outyears are due to storage availability and increased Workload Plan Requirements.

NOTE: Table revised 17JUN94 to insert NA into each blank cell. No data revised.

NOTE: WHERE TWO NUMBERS ARE DISPLAYED - THE FIRST NUMBER IS
ALL-UP - ROUND AND SECOND IS COMPONENTS

R

Activity: 00109

1. Inventory, continued

Table 1.1.b: Historic and Predicted Inventory - Revised

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	92 487424	313 473007	534 458590	755 444173	976 429756	1200 415338	1200 415338	1200 415338	(R)
Torpedoes	944 47183	984 49484	1024 51785	1064 54086	1104 56387	1146 58692	1146 58692	1146 58692	(R)
Air Launched Threat	7113 67494	7330 59410	7547 51326	7764 43242	7981 35158	8200 27074	8200 27074	8200 27074	(R)
Surface Launched Threat	1089 18984	1211 16764	1333 14544	1455 12324	1577 10104	1699 7881	1699 7881	1699 7881	(R)
Other Threat	**	**	**	**	**	**	**	**	
Expendables	***	***	***	***	***	***	***	***	
INERT	334329	306727	279125	251523	223921	196315	196315	196315	(R)
CADs/PADs	100903	259467	418031	576595	735159	893723	893723	893723	(R)
Strategic Nuclear	.	.	.	.	.	.	.	.
Tactical Nuclear	.	.	.	.	.	.	.	.
LOE: Rockets	22378	27392	32397	37402	42407	47416	47416	47416	(R)
LOE: Bombs	320441	282170	243899	205628	167357	129085	129085	129085	(R)
LOE: Gun Ammo (20mm-16")	1917812	1716235	1514658	1313081	1111504	909924	909924	909924	(R)
****LOE: Small Arms (up to 50 cal)	20267350	21191102	22114854	23038606	23962358	24886114	24886114	24886114	(R)
LOE: Pyro/Demo	829723	1059249	1288775	1518301	1747327	1977353	1977353	1977353	(R)
Grenades / Mortars / Projectiles	213320	221676	230032	238388	246744	255103	255103	255103	(R)

*NOTE: Classified data reported separately.

**NOTE: Tomahawk (2D) included in Surface Launched Threat.

***NOTE: Expendables included in Inert and Components categories.

****NOTE: Additional items in FY 94 and outyears are due to storage availability and increased Workload Plan Requirements.

NOTE: Table revised 06SEP94.

5 R 16 SEPT 94

1. **Inventory, continued**Table 1.1.b: **Historic and Predicted Inventory - Revised**

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	92 486564	310 475000	530 465000	750 450000	970 435000	1200 415338	1200 415338	1200 415338
Torpedoes	937 44236	917 47736	897 51236	877 54736	857 58236	836 59002	836 59002	836 59002
Air Launched Threat	6596 47331	6916 47331	7236 39331	7556 35331	7876 31331	8200 27072	8200 27072	8200 27072
Surface Launched Threat	917 14752	1073 13382	1229 12007	1385 10632	1541 9257	1699 7881	1699 7881	1699 7881
Other Threat	NA	NA	NA	NA	NA	NA	NA	NA
Expendables	NA	NA	NA	NA	NA	NA	NA	NA
INERT	322054	297054	272054	247054	222054	195503	195503	195503
CADs/PADs	100892	258892	416892	574892	732892	893723	893723	893723
Strategic Nuclear	*	*	*	*	*	*	*	*
Tactical Nuclear	*	*	*	*	*	*	*	*
LOE: Rockets	20003	29403	38803	48203	57603	66946	66946	66946
LOE: Bombs	314663	279663	244663	209663	174663	136175	136175	136175
LOE: Gun Ammo (20mm-16")	1922566	1718566	1514566	1310566	1106566	901084	901084	901084
LOE: Small Arms (up to 50 cal)	20439227	21248227	22057227	22866227	23675227	24485216	24485216	24485216
LOE: Pyro/Demo	817322	1051922	1286522	1521122	1755722	1990353	1990353	1990353
Grenades / Mortars / Projectiles	60774	82774	104774	126774	148774	170216	170216	170216

* NOTE: Classified data reported separately.

NOTE: Table revised 17JUN94 to insert NA into each blank cell and correct one typo (air FY95 components).

5 R 6/20/94

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Activity: 00109

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 - Revised

Ammunition / Ordnance Commodity Type	Present Stowage Capability	Maximum Stowage Capability	
Mines	930/487424	1200/415338	(R)
Torpedoes	944/47183	1146/58692	(R)
Air Launched Threat	7113/67494	8200/27074	(R)
Surface Launched Threat	1089/18984	1699/7881	(R)
Other Threat	NA	NA	
Expendables	NA	NA	
INERT	334329	196315	(R)
CADs/PADs	100903	893723	(R)
Strategic Nuclear	*	*	
Tactical Nuclear	*	*	
LOE: Rockets	22387	47416	(R)
LOE: Bombs	320441	129085	(R)
LOE: Gun Ammo (20mm-16")	1917812	909924	(R)
LOE: Small Arms (up to 50 cal.)	20267350	24886114	(R)
LOE: Pyro/Demo	829723	1977353	(R)
Grenades / Mortars / Projectiles	213320	255103	(R)
Other (specify)	NA	NA	

NOTE: Where two numbers are displayed, first number is all-up-rounds and second number is components.

*NOTE: Classified data reported separately.

NOTE: Table revised 07SEP94.

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 - Revised**

Ammunition / Ordnance Commodity Type	Present Stowage Capability	Maximum Stowage Capability
Mines	930/490000	1200/490000
Torpedoes	624/45000	836/60000
Air Launched Threat	7468/48000	8200/50000
Surface Launched Threat	1738/14752	1738/14752
Other Threat	NA	NA
Expendables	NA	NA
INERT	322054	379000
CADs/PADs	80700	895000
Strategic Nuclear	*	*
Tactical Nuclear	*	*
LOE: Rockets	30000	80000
LOE: Bombs	315000	140000
LOE: Gun Ammo (20mm-16")	2135000	1200000
LOE: Small Arms (up to 50 cal.)	22105000	25000000
LOE: Pyro/Demo	1000000	2000000
Grenades / Mortars / Projectiles	68000	160000
Other (specify)	NA	NA

NOTE: Where two numbers are displayed, first number is all-up-rounds and second number is components.

*NOTE: Classified data reported separately.

NOTE: Table revised 17JUN94 to insert NA into each blank cell. No data revised.

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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.*

Maximum stowage capability is less than present inventory requirements in Table 2.2 for two reasons: (1) Several magazines are jammed stowed (i.e. - more ordnance stowed than ideal established by NAVSEAINST 8024.2); (2) Magazines are considered full when 80% of their total square footage is utilized. Present inventory reflects actual square footage available. For example, the fuze and detonator magazines are stowed to 87% of total square footage available and are overstowed.

Table 2.2: Total Facility Capability Summary ((R

Site: Yorktown

Facility Number	PRESENT INVENTORY		PREDICTED INVENTORY FY 2001		MAXIMUM STOWAGE CAPABILITY	
	TONS	SQ FT	TONS	SQ FT	TONS	SQ FT
F&D (63)	3053	59377	3053	59377	3392	65974
SP (80)	8272	160896	8631	167881	9191	178773
HE (61)	5471	106422	7112	138336	6079	118247
MISSILE(42)	12697	246969	16935	329410	14108	274410
Total This Site	29493	573664	35731	695004	32770	637404

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- F&D = Fuzes & Detonator Magazines (63 Igloo)
- SP = Smokeless Powder/Projectile/Small Arms Magazines (65 Igloo / 7 Above Ground / 8 Box)
- HE = High Explosive Igloo Magazines (53 Igloo / 1 Above Ground / 7 Box)
- MISSILE = Missile Magazines (34 Box / 4 Igloo / 4 Above Ground)

NOTE: Average square foot per ton = 19.451
 NOTE: Magazines listed are for host activity only for storage of RSS&I stock or ordnance material required to support maintenance. Additional magazines are held for tenant use and are reflected in Table 8.2.

NOTE: Data revised 09SEP94

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.*

Maximum stowage capability is less than present inventory requirements in Table 2.2 for two reasons: (1) Several magazines are jammed stowed (i.e. - more ordnance stowed than ideal established by NAVSEAINST 8024.2); (2) Magazines are considered full when 80% of their total square footage is utilized. Present inventory reflects actual square footage available. For example, the fuze and detonator magazines are stowed to 87% of total square footage available and are overstowed.

Table 2.2: **Total Facility Capability Summary**Site: Yorktown

Facility Number	PRESENT INVENTORY		PREDICTED INVENTORY FY 2001		MAXIMUM STOWAGE CAPABILITY	
	TONS	SQ FT	TONS	SQ FT	TONS	SQ FT.
F&D(47)	484	9077	590	14750	445	10430
SP- IGLOO(31)	1506	26028	1500	33000	1448	31000
HE- IGLOO(98)	6760	131782	9655	193100	8736	151000
BOX(61)	15974	386523	18116	483093	20396	493978
Total This Site	24724	553410	29861	723943	31025	686408

F&D = Fuzes & Detonator Magazines
 SP = Smokeless Powder/Projectile Igloo Magazines
 HE = High Explosive Igloo Magazines
 BOX = Missile Magazines

Activity: 00109

NOTE: Magazines listed are for host activity only for storage of RSS&I stock or ordnance material required to support maintenance. Additional magazines are held for tenant use and are reflected in Table 8.2.

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 - Revised

*NA added to
blanks* ←

Facility Number / Type	Hazard Rating (1.1-1.4)	Rated N.E.W.	ESQD Arc		
			Established (Y/N)	Waiver (Y/N)	Waiver Expiration Date
21 / Fuse & Det	1.3-1.4	300,000	Y	N	NA
23 / Fuse & Det	1.1-1.4	30,000	Y	Y	30Sep95
27 / Fuse & Det	1.1-1.4	250,000	Y	Y	30Sep95
29 / Fuse & Det	1.1-1.4	250,000	Y	Y	30Sep95
30 / Fuse & Det	1.1-1.4	40,000	Y	Y	30Sep95
90 / Fuse & Det	1.1-1.4	5,000	Y	N	NA
91 / Fuse & Det	1.1-1.4	15,000	Y	N	NA
95 / Fuse & Det	1.4	5,000	Y	N	NA
96 / Fuse & Det	1.4	5,000	Y	N	NA
260 / Fuse & Det	1.1-1.4	7,000	Y	N	NA
261-269 / Fuse & Det	1.1-1.4	70,000	Y	N	NA
510 / Fuse & Det	1.4	50,000	Y	N	NA
F1 / Fuse & Det	1.1-1.4	70,000	Y	N	NA
F2 / Fuse & Det	1.1-1.4	70,000	Y	N	NA
F5 / Fuse & Det	1.1-1.4	35,000	Y	N	NA
25 / High Expl	1.1-1.4	250,000	Y	N	NA
26 / High Expl	1.1-1.4	90,000	Y	N	NA
112-117 / High	1.1-1.4	250,000	Y	N	NA

Expl					
121-123 / High Expl	1.1-1.4	110,000	Y	N	NA
124 / High Expl	1.1-1.4	150,000	Y	N	NA
125 / High Expl	1.1-1.4	250,000	Y	N	NA
131 / High Expl	1.1-1.4	200,000	Y	N	NA
132-137 / High Expl	1.1-1.4	250,000	Y	N	NA
141 / High Expl	1.1-1.4	140,000	Y	N	NA
142 / High Expl	1.1-1.4	200,000	Y	N	NA
143 / High Expl	1.3-1.4	500,000	Y	N	NA
145-146 High Expl	1.1-1.4	250,000	Y	N	NA
151 / High Expl	1.1-1.4	90,000	Y	N	NA
152 / High Expl	1.1-1.4	250,000	Y	N	NA
153-154 / High Expl	1.3-1.4	1,000,000	Y	N	NA
155 / High Expl	1.1-1.4	90,000	Y	N	NA
156 / High Expl	1.1-1.4	250,000	Y	N	NA
157 / High Expl	1.1-1.4	200,000	Y	N	NA
161 / High Expl	1.1-1.4	200,000	Y	N	NA
162 / High Expl	1.1-1.4	175,000	Y	N	NA
163 / High Expl	1.1-1.4	150,000	Y	N	NA
164 / High Expl	1.1-1.4	250,000	Y	N	NA
165 / High Expl	1.1-1.4	200,000	Y	N	NA
166 / High Expl	1.1-1.4	250,000	Y	N	NA
167 / High Expl	1.1-1.4	200,000	Y	N	NA
171-177 / High Expl	1.1-1.4	250,000	Y	N	NA
181-183 / High Expl	1.1-1.4	250,000	Y	N	NA

184 / High Expl	1.1-1.4	200,000	Y	N	NA
185-186 / High Expl	1.1-1.4	250,000	Y	N	NA
187 / High Expl	1.1-1.4	200,000	Y	N	NA
191-197 High Expl	1.1-1.4	250,000	Y	N	NA
201-205 / High Expl	1.1-1.4	250,000	Y	N	NA
206 / High Expl	1.1-1.4	250,000	Y	N	NA
207 / High Expl	1.1-1.4	250,000	Y	N	NA
211-214 / High Expl	1.1-1.4	250,000	Y	N	NA
215 / High Expl	1.1-1.4	85,000	Y	N	NA
216-217 / High Expl	1.1-1.4	250,000	Y	N	NA
221-223 / High Expl	1.1-1.4	250,000	Y	N	NA
224 / High Expl	1.1-1.4	150,000	Y	N	NA
225 / High Expl	1.1-1.4	6,000	Y	N	NA
226-227 / High Expl	1.1-1.4	250,000	Y	N	NA
231-237 / High Expl	1.1-1.4	250,000	Y	N	NA
241 / High Expl	1.1-1.4	350,000	Y	N	NA
243-245 / High Expl	1.1-1.4	500,000	Y	N	NA
246 / High Expl	1.1-1.4	250,000	Y	N	NA
247 / High Expl	1.1-1.4	500,000	Y	N	NA
250-251 / High Expl	1.1-1.4	225,000	Y	N	NA
252 / High Expl	1.1-1.4	50,000	Y	N	NA
253-254 / High	1.1-1.4	70,000	Y	N	NA

Expl					
255-256 / High Expl	1.1-1.4	35,000	Y	N	NA
257 / High Expl	1.1-1.4	30,000	Y	N	NA
258 / High Expl	1.1-1.4	95,000	Y	N	NA
259 / High Expl	1.1-1.4	100,000	Y	N	NA
440 / High Expl	1.1-1.4	150,000	Y	N	NA
774 / High Expl	1.1-1.4	250,000	Y	N	NA
775 / High Expl	1.1-1.4	250,000	Y	N	NA
776-777 / High Expl	1.1-1.4	250,000	Y	N	NA
778 / High Expl	1.1-1.4	60,000	Y	N	NA
779-780 / High Expl	1.1-1.4	250,000	Y	N	NA
1217-1222 / High Expl	1.1-1.4	500,000	Y	N	NA
1223 / High Expl	1.1-1.4	90,000	Y	N	NA
1352 / High Expl	1.1-1.4	350,000	Y	N	NA
1353 / High Expl	1.1-1.4	500,000	Y	N	NA
1354-1357 / High Expl	1.1-1.4	70,000	Y	N	NA
1358 / High Expl	1.1-1.4	125,000	Y	N	NA
1359-1360 / High Expl	1.1-1.4	500,000	Y	N	NA
1361 / High Expl	1.1-1.4	30,000	Y	N	NA
1362 / High Expl	1.1-1.4	25,000	Y	N	NA
1363 / High Expl	1.1-1.4	500,000	Y	N	NA
1364 / High Expl	1.1-1.4	250,000	Y	N	NA
1365 / High Expl	1.1-1.4	500,000	Y	N	NA

1370 / High Expl	1.1-1.4	60,000	Y	N	NA
1371 / High Expl	1.1-1.4	80,000	Y	N	NA
1596 / High Expl	1.1-1.4	250,000	Y	N	NA
1823-1825 / High Expl	1.1-1.4	250,000	Y	N	NA
1875-1876 / High Expl	1.1-1.4	250,000	Y	N	NA
1974 / High Expl	1.1-1.4	250,000	Y	N	NA
256 / Ready Mag	1.1-1.4	35,000	Y	N	NA
438 / Small Arms, Pyro	1.3-1.4	2,000	Y	N	NA
1369 / Small Arms, CAD	1.4	PC	Y	N	NA
6,24,101,178 / Inert	NA	NA	N	N	NA
403-412 / Inert	NA	NA	N	N	NA
414-418 / Inert	NA	NA	N	N	NA
420,479-485 / Inert	NA	NA	N	N	NA
506,541-550 / Inert	NA	NA	N	N	NA
6009,624,714 / Inert	NA	NA	N	N	NA
717,718 / Inert	NA	NA	N	N	NA
788,805,806 / Inert	NA	NA	N	N	NA
1799,1803,1804 / Inert	NA	NA	N	N	NA
1975,1984 / Inert	NA	NA	N	N	NA
720 / Special Weapons, Igloo	1.1	50,000	Y	N	NA
726-755 / Special Weapons, Igloo	1.1	50,000	Y	N	NA
773 / Special Weapons, Igloo	1.1	50,000	Y	N	NA

1842-1845 / Special Weapons, Box	1.1	50,000	Y	N	NA
22 / Box	1.1-1.4	200,000	Y	N	NA
87 / Box	1.3-1.4	200,000	Y	N	NA
88 / Box	1.1-1.4	65,000	Y	N	NA
441 / Box	1.1-1.4	100,000	Y	N	NA
442-443 / Box	1.1-1.4	175,000	Y	N	NA
1367 / Box	1.3-1.4	500,000	Y	N	NA
1368 / Box	1.3-1.4	300,000	Y	N	NA
1597-1598 / Box	1.1-1.4	250,000	Y	N	NA
1910-1911 / Box	1.1-1.4	250,000	Y	N	NA
1912-1913 / Box	1.1-1.4	350,000	Y	N	NA
1914 / Box	1.1-1.4	250,000	Y	N	NA
1985-1986 / Box	1.1-1.4	250,000	Y	N	NA
1997 / Box	1.1-1.4	150,000	Y	N	NA
1999-2005 / Box	1.1-1.4	150,000	Y	N	NA
201- / Box	1.1-1.4	250,000	Y	N	NA

NOTE: Table revised 17JUN94 to insert NA into each blank cell. No data revised.

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.).

- The physical size of the older igloo magazines are not conducive to the stowage of the newer weapons systems.
- Four new magazines are programmed for FY 1997, One new magazine is programmed for FY 1998, Three new magazines are programmed for FY 1999, and One new magazine is programmed for FY 2000.

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).

Many magazines are stowed differently from the stow plans promulgated by NAVSEAINST 8024.2. The stow plans represent the most efficient method considering handling. As the magazines are restowed, the amount stowed in each magazine is decreased. Depending upon the material stowed, the magazine can reach maximum capacity by ft² before the explosive capacity is reached. Reducing the expected sit-downs in a magazine, reduce the expected explosive capacity. Very rarely is the explosive limit reached in a magazine before the area is maximized. Programmed type M magazines through FY 2000 add 8000 ft² for each new magazine.

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.)?

The existence of wetlands, archaeological sites, IR sites, etc. could limit the land available for expansion.

R

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 - Revised

Munitions Type	Throughput Requirement (tons/day)		
	Peacetime Operations	Mobilization	Sustainment
LOE	200	525	750
Threat	80	150	300
Nuclear Threat	20	75	150
Other	NA	NA	NA

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NOTE: Table revised 14NOV94.

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

Munitions Type	Throughput Requirement (units/day)		
	Peacetime Operations	Mobilization	Sustainment
LOE *	151	396	565
Threat **	57	106	214
Nuclear Threat ***	9	35	70
Other	NA	NA	NA

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R 11/14/94
R 11/14/94

NOTE: Data revised 14NOV94

- * NOTE: LOE = 1.325 average tons/unit corporate knowledge.
- ** NOTE: Threat = 1.4 average tons/unit corporate knowledge.
- *** NOTE: Nuclear Threat = 2.15 average tons/unit corporate knowledge.

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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 - Revised

Munitions Type	Throughput Requirement (tons/day)		
	Peacetime Operations	Mobilization	Sustainment
LOE	200	350	500
Threat	80	100	200
Nuclear Threat	20	50	100
Other	NA	NA	NA

NOTE: Table revised 17JUN94 to insert NA into each blank cell. No data revised.

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

Munitions Type	Throughput Requirement (units/day)		
	Peacetime Operations	Mobilization	Sustainment
LOE *	151	264	377
Threat **	57	71	143
Nuclear Threat ***	9	23	47
Other	NA	NA	NA

(R)
(R)
(R)

NOTE: Data revised 09SEP94

* NOTE: LOE = 1.325 average tons/unit corporate knowledge.

** NOTE: Threat = 1.4 average tons/unit corporate knowledge.

*** NOTE: Nuclear Threat = 2.15 average tons/unit corporate knowledge.

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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 - Revised**

Munitions Type	Throughput Requirement (tons/day)		
	Peacetime Operations	Mobilization	Sustainment
LOE	200	350	500
Threat	80	100	200
Nuclear Threat	20	50	100
Other	NA	NA	NA

NOTE: Table revised 17JUN94 to insert NA into each blank cell. No data revised.

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

Munitions Type	Throughput Requirement (units/day)*		
	Peacetime Operations	Mobilization	Sustainment
LOE	200	350	500
Threat	80	100	200
Nuclear Threat	20	50	100
Other	NA	NA	NA

NOTE: Table revised 17JUN94 to insert NA into each blank cell. No data revised.

*NOTE: Quantity indicates number of lifts or pallets of material. Number of units per pallet or lift could vary from 2 units for 1000 lb bombs through 24 units for gun ammunition to thousands of rounds for small arms ammunition.

Emphasis is placed on number of lifts per day as most lifts consist of a single missile loaded on a combatant.

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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 - Revised

		PIER	VERTREP	RAIL	TRUCK
Maximum Rated Capability 1-8-5 (4 crews)	LOE	500	100	102	136
	Threat	200	NA	213	284
	Nuclear Threat	100	**	**	**
	Other	NA	NA	13	17
Requirement (Peacetime Operations) 1-8-5 (1.5 crews)	LOE	200	NA	34	45
	Threat	80	NA	71	95
	Nuclear Threat	20	**	**	**
	Other	NA	NA	4	6
Requirement (Mobilization)* 1-12-5 (2.5 crews)	LOE	525	70	68	90
	Threat	150	NA	142	190
	Nuclear Threat	75	**	**	**
	Other	NA	NA	9	12
Requirement (Sustainment)* 2-10-5 (4 crews)	LOE	750	100	102	136
	Threat	300	NA	213	284
	Nuclear Threat	150	**	**	**
	Other	NA	NA	13	17

R 11/9/94
R 11/9/94

NOTE: Data revised 9 NOV 94.

NOTE: Table revised 1AUG94 to change 1-10-4 to 1-8-5 in first column.

*NOTE: It is recognized the Mobilization and Sustainment requirements reflect a higher state of operations and readiness, and the associated work period must exceed the "1-8-5". Ships tempo regulate the current/projected daily and weekly lift count.

**NOTE: Classified data reported separately.

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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 - Revised

		PIER	VERTREP	RAIL	TRUCK	
Maximum Rated Capability 1-8-5 (4 crews)	LOE	500	503	1146	10316	(R
	Threat	200	503	NA	7641	(R
	Nuclear Threat	100	**	**	**	
	Other	NA	NA	NA	NA	(R
Requirement (Peacetime Operations) 1-8-5 (1.5 crews)	LOE	200	NA	402	3620	(R
	Threat	80	NA	NA	2681	(R
	Nuclear Threat	20	**	**	**	
	Other	NA	NA	NA	NA	(R
Requirement (Mobilization)* 1-8-5 (2.5 crews)	LOE	350	335	764	6877	(R
	Threat	100	335	NA	5094	(R
	Nuclear Threat	50	**	**	**	
	Other	NA	NA	NA	NA	(R
Requirement (Sustainment)* 1-8-5 (4 crews)	LOE	500	503	1146	10316	(R
	Threat	200	503	1146	7641	(R
	Nuclear Threat	100	**	**	**	
	Other	NA	NA	NA	NA	(R

NOTE: Data revised 12 SEP 94

NOTE: Table revised 1AUG94 to change 1-10-4 to 1-8-5 in first column.

*NOTE: It is recognized the Mobilization and Sustainment requirements reflect a higher state of operations and readiness, and that the associated work period may well exceed the "1-8-5". Ships tempo regulate the current/projected daily (and weekly, 40 hours) lift count.

**NOTE: Classified data reported separately.

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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 - Revised

		PIER	VERTREP	RAIL	TRUCK
Maximum Rated Capability 1-8-5 (4 crews)	LOE	500	100	102	136
	Threat	200	NA	213	284
	Nuclear Threat	100	**	**	**
	Other	NA	NA	13	17
Requirement (Peacetime Operations) 1-8-5 (1.5 crews)	LOE	200	NA	34	45
	Threat	80	NA	71	95
	Nuclear Threat	20	**	**	**
	Other	NA	NA	4	6
Requirement (Mobilization)* 1-8-5 (2.5 crews)	LOE	350	70	68	90
	Threat	100	NA	142	190
	Nuclear Threat	50	**	**	**
	Other	NA	NA	9	12
Requirement (Sustainment)* 1-8-5 (4 crews)	LOE	500	100	102	136
	Threat	200	NA	213	284
	Nuclear Threat	100	**	**	**
	Other	NA	NA	13	17

NOTE: Table revised 17JUN94 to insert NA into each blank cell. No data revised.

NOTE: Table revised 1AUG94 to change 1-10-4 to 1-8-5 in first column.

*NOTE: It is recognized the Mobilization and Sustainment requirements reflect a higher state of operations and readiness, and that the associated work period may well exceed the "1-8-5". Ships tempo regulate the current/projected daily (and weekly, 40 hours) lift count.

**NOTE: Classified data reported separately.

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/Day - Revised**

		PIER	VERTREP	RAIL	TRUCK
Maximum Rated Capability 1-10-4 (4 crews)	LOE	600	100	102	136
	Threat	200	NA	213	284
	Nuclear Threat	100	**	**	**
	Other	NA	NA	13	17
Requirement (Peacetime Operations) 1-10-4 (1.5 crews)	LOE	200	NA	34	45
	Threat	80	NA	71	95
	Nuclear Threat	20	**	**	**
	Other	NA	NA	4	6
Requirement (Mobilization)* 1-10-4 (2.5 crews)	LOE	350	70	68	90
	Threat	100	NA	142	190
	Nuclear Threat	50	**	**	**
	Other	NA	NA	9	12
Requirement (Sustainment)* 1-10-4 (4 crews)	LOE	500	100	102	136
	Threat	200	NA	213	284
	Nuclear Threat	100	**	**	**
	Other	NA	NA	13	17

NOTE: Table revised 17JUN94 to insert NA into each blank cell and chg max pier LOE level.

*NOTE: It is recognized the Mobilization and Sustainment requirements reflect a higher state of operations and readiness, and that the associated work period may well exceed the "1-8-5".

**NOTE: Classified data reported separately.

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3. Throughput, continued

Table 3.2.b: Historic and Predicted Throughput in Tons - Revised

		PIER	VERTREP	RAIL	TRUCK	
FY 1986 (Executed)	LOE	*	*	*	*	(R)
	Threat	*	*	*	*	
	Nuclear Threat	**	**	**	**	
	Other	*	*	*	*	
FY 1991 (Executed)	LOE	16285 ⁽¹⁾	NA	6017 ⁽²⁾	21019	(R)
	Threat	10857 ⁽¹⁾	NA	NA	14012 ⁽³⁾	(R)
	Nuclear Threat	**	**	**	**	
	Other	NA	NA	NA	NA	(R)
FY 1994 (Executed) (OCT 93 thru JUL 94)	LOE	8322 ⁽⁴⁾	NA	762 ⁽²⁾	26322 ⁽³⁾	(R)
	Threat	5548 ⁽⁴⁾	NA	NA	17548 ⁽³⁾	(R)
	Nuclear Threat	**	**	**	**	
	Other	NA	NA	NA	NA	(R)

*NOTE: Information not available for 1986

**NOTE: Classified data reported separately.

NOTE: Data revised 09SEP94. (1) Information from 3.3.a. (2) Estimated from Daily Dispatch Sheets. (3) Includes 12% increase for non RS&I material. (4) Information from 3.3.b.

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3. Throughput, continued

Table 3.2.b: Historic and Predicted Throughput in Tons - Revised

		PIER	VERTREP	RAIL	TRUCK
FY 1986 (Executed)	LOE	*	*	2243	*
	Threat	*	*	*	*
	Nuclear Threat	**	**	**	**
	Other	*	*	*	*
FY 1991 (Executed)	LOE	13790	NA	6017	11066
	Threat	4654	NA	NA	23072
	Nuclear Threat	**	**	**	**
	Other	6552	NA	NA	1268
FY 1994 (Executed)	LOE	10,240	NA	762	8928
	Threat	4864	NA	NA	19708
	Nuclear Threat	**	**	**	**
	Other	NA	NA	NA	1151

*NOTE: Information not available for 1986

**NOTE: Classified data reported separately.

NOTE: Table revised 17JUN94 to insert NA into each blank cell. No data revised.

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3. Throughput, continued

Table 3.2.c: Historic and Predicted Throughput in Tons - Revised

		PIER	VERTREP	RAIL	TRUCK	
FY 1997 (Programmed)	LOE	8914 ⁽⁴⁾	NA	NA	14910 ⁽³⁾	(R)
	Threat	5942 ⁽⁴⁾	NA	NA	9939 ⁽³⁾	(R)
	Nuclear Threat	*	*	*	*	
	Other	NA	NA	NA	NA	(R)
FY 2001 (Programmed)	LOE	**	**	**	**	
	Threat	**	**	**	**	
	Nuclear Threat	*	*	*	*	
	Other	**	**	**	**	
FY: 1993 Minimum Outload Workload	LOE	8727 ⁽¹⁾	NA	1779 ⁽²⁾	19092 ⁽³⁾	(R)
	Threat	5818 ⁽¹⁾	NA	NA	12694 ⁽³⁾	(R)
	Nuclear Threat	359 ⁽¹⁾	*	*	*	
	Other	NA	NA	NA	NA	(R)
FY: 1989 Maximum Outload Workload	LOE	15158 ⁽¹⁾	NA	4272 ⁽²⁾	44949 ⁽³⁾	(R)
	Threat	10105 ⁽¹⁾	NA	NA	29966 ⁽³⁾	(R)
	Nuclear Threat	*	*	*	*	
	Other	NA	NA	NA	NA	(R)

*NOTE: Classified data reported separately.

**NOTE: Workload forecast not programmed through 2001.

NOTE: Data revised 09SEP94. (1) Information from 3.3.a. (2) Estimated from Daily Dispatch Sheets. (3) Includes 12% increase for non-RS&I tons. (4) Information from 3.3.b.

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3. **Throughput, continued**Table 3.2.c: **Historic and Predicted Throughput in Tons - Revised**

		PIER	VERTREP	RAIL	TRUCK
FY 1997 (Programmed)	LOE	6142	NA	1205	7112
	Threat	9214	NA	NA	14913
	Nuclear Threat		*	*	*
	Other	500	NA	NA	918
FY 2001 (Programmed)	LOE	**	**	**	**
	Threat	**	**	**	**
	Nuclear Threat	*	*	*	*
	Other	**	**	**	**
FY: <u>1993</u> Minimum Outload Workload	LOE	4916	NA	1779	16231
	Threat	9324	NA	NA	8240
	Nuclear Threat	*	*	*	*
	Other	298	NA	NA	499
FY: <u>1989</u> Maximum Outload Workload	LOE	8337	NA	4272	23709
	Threat	16422	NA	NA	46699
	Nuclear Threat	*	*	*	*
	Other	505	NA	NA	5708

*NOTE: Classified data reported separately.

**NOTE: Workload forecast not programmed through 2001.

NOTE: Table revised 17JUN94 to insert NA into each blank cell. No data revised.

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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 - Revised**

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	*	*	*	5315	(2)	(2)	(2)	(2)
	Other	*	*	*	(3)	10394	6457	7313	6626
Navy Bulk (AE, AOE, AOR, etc.)		*	*	*	6217	5508	4608	3315	2003
Navy Amphibious Ships		*	*	*	(1)	3779	5252	8477	6079
Other Break Bulk		*	*	*	13731	2151	10825	4615	196
Container Ship		NA	NA	NA	NA	NA	NA	NA	NA

(R)

(R)

(R)

NOTE: Data revised 09SEP94

*NOTE: Throughput data not available for years 1986 through 1988.

NOTE: (1) Navy Amphibious Ship data was collected as Other Navy in 1989 and could not be broken out separately. (2) Navy Carrier Ship data was collected with AE, AOE, AOR after 1989. (3) Navy Combatants Data collects as Other Navy in 1989.

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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 - Revised** ←

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	*	*	*	5315 **	(2)	(2)	(2)	(2)
	Other	*	*	*	13227	12373	8584	7700	6782
Navy Bulk (AE, AOE, AOR, etc.)		*	*	*	6217 **	5508	4608	3315	2003
Navy Amphibious Ships		*	*	*	(1)	3779	5252	8477	5455
Other Break Bulk		*	*	*	505	174	6552	4248	298
Container Ship		NA	NA	NA	NA	NA	NA	NA	NA

NOTE: Table revised 17JUN94 to insert NA into each blank cell. No data revised. ←

* NOTE: Throughput data not available for years 1986 through 1988. No regulatory requirement to keep records beyond five years.

**NOTE: CV/CVN FY 89 data represents the last year carriers were loaded at anchorage by barge. Tonnage for Navy Bulk indicates a decline as ships are now homeported in Charleston and Earle and not serviced via Yorktown's pier.

NOTE: (1) Navy Amphibious Ship data was collected as Other Navy in 1989 and could not be broken out separately.

NOTE: (2) Navy Carrier Ship data was collected with AE, AOE, AOR after 1989

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3. **Throughput, continued**

Table 3.3.b: Historic/Programmed Ordnance Throughput Capability - Revised

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	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
	Other	5466	5883	3882	4853	4690	4690	4690	4690
Navy Bulk (AE, AOE, AOR, etc.)		3905	1183	2850	4870	3187	3187	3187	3187
Navy Amphibious Ships		4216	2292	2471	3086	2172	2172	2172	2172
Other Break Bulk		283	1399	2172	2047	1607	1607	1607	1607
Container Ship		NA	NA	NA	NA	NA	NA	NA	NA

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(R)

NOTE: Table revised 9 SEP 94

*NOTE: OCT 93 through JUL 94

NOTE: (1) Navy Carrier Ship data included with AE, AOE, AOR after 1989.

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3. **Throughput, continued**Table 3.3.b: **Historic/Programmed Ordnance Throughput Capability - Revised** ←

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	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
	Other	3883	7282	6054	6900	6287	6287	6287	6287
Navy Bulk (AE, AOE, AOR, etc.)		1742	1187	2850	4870	3187	3187	3187	3187
Navy Amphibious Ships		9479	2292	2471	3586	2172	2172	2172	2172
Other Break Bulk		0	500	500	500	500	500	500	500
Container Ship		NA	NA	NA	NA	NA	NA	NA	NA

NOTE: Table revised 17JUN94 to insert NA into each blank cell. Data revised. Projections added for FY 1999 - 2001.

NOTE: (1) Navy Carrier Ship data included with AE, AOE, AOR after 1989.

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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 - Revised

Type of Ship		Short Tons Throughput						
		FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Combatants	CV / CVN	800	800	800	800	800	800	800
	Other	640	640	640	640	640	640	640
Navy Bulk (AE, AOE, AOR, etc.)		800	800	800	800	800	800	800
Navy Amphibious Ships		800	800	800	800	800	800	800
Other Break Bulk		800	800	800	800	800	800	800
Container Ship		NA	NA	NA	NA	NA	NA	NA

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NOTE: Table revised 17JUN94 to insert NA into each blank cell. Data revised.

NOTE: Table revised 1AUG94 to reflect 1 eight hour shift and four crews per day rather than 2 ten hour shifts and eight crews per day.

NOTE: Maximum potential ordnance throughput capability reflected in tons/day.

Yorktown mission primarily rearming combatants which requires loading individual strike weapons. Our emphasis is on number of lifts rather than tons/day.

The maximum potential tons per type of ship are mutually exclusive. Where the primary lift is LOE, a total of 800 tons for all ship types could be achieved across the pier using 1 eight hour shift and four crews per day. If the primary lift is threat weapons, a total of 640 tons for combatants could be achieved.

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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 - Revised

Type of Ship		Short Tons Throughput						
		FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Combatants	CV / CVN	800	800	800	800	800	800	800
	Other	640	640	640	640	640	640	640
Navy Bulk (AE, AOE, AOR, etc.)		800	800	800	800	800	800	800
Navy Amphibious Ships		800	800	800	800	800	800	800
Other Break Bulk		800	800	800	800	800	800	800
Container Ship		NA	NA	NA	NA	NA	NA	NA

NOTE: Table revised 17JUN94 to insert NA into each blank cell. Data revised.

NOTE: Table revised 1AUG94 to reflect 1 eight hour shift and four crews per day rather than 2 ten hour shifts and eight crews per day.

NOTE: Maximum potential ordnance throughput capability reflected in tons/day.

Yorktown mission primarily rearming combatants which requires loading individual strike weapons. Our emphasis is on number of lifts rather than tons/day.

The maximum potential tons per type of ship are mutually exclusive. Where the primary lift is LOE, a total of 800 tons for all ship types could be achieved across the pier using 1 eight hour shift and four crews per day. If the primary lift is threat weapons, a total of 640 tons for combatants could be achieved.

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 - Revised

Type of Ship		Short Tons Throughput							
		FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	
Combatants	CV/ CVN	1600	1600	1600	1600	1600	1600	1600	(R)
	Other	1280	1280	1280	1280	1280	1280	1280	(R)
Navy Bulk (AE, AOE, AOR, etc.)		1600	1600	1600	1600	1600	1600	1600	(R)
Navy Amphibious Ships		1600	1600	1600	1600	1600	1600	1600	(R)
Other Break Bulk		1600	1600	1600	1600	1600	1600	1600	(R)
Container Ship		NA	NA	NA	NA	NA	NA	NA	

NOTE: Table revised 17JUN94 to insert NA into each blank cell. Data revised.

NOTE: Maximum potential ordnance throughput capability reflected in tons/day.

Yorktown mission primarily rearming combatants which requires loading individual strike weapons. Our emphasis is on number of lifts rather than tons/day.

The maximum potential tons per type of ship are mutually exclusive. Where the primary lift is LOE, a total of 1600 tons for all ship types could be achieved across the pier using 2 ten hour shifts and

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eight crews per day. If the primary lift is threat weapons, a total of 1280 tons for combatants could be achieved.

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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.

Maximum potential ordnance throughput capability is based on pier capacity of four berths for combatants or two berths for CV, AOE, Amphibious ships. Throughput for combatants is limited by the strike down rate of the receiving ship. Throughput for LOE material is limited by the speed of the installed gantry cranes.

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?

None required.

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

The ESQD Arc of the pier is a limiting factor. Encroachment of private enterprise and the existence of a National Park limit expansion.

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 existence of wetlands, archaeological sites, IR sites, etc. could limit the land available for expansion.

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.

There are four berths for combatants each of which can load 16 lifts per hour. LOE material for CV, AOE, Amphibious ships can be loaded at two stations at two berths at a rate of 20 lifts per hour. Throughput for combatants is limited by the strike down rate of the receiving ship. Throughput for LOE material is limited by the speed of the installed gantry cranes.

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?

None required.

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

The ESQD Arc of the pier is a limiting factor. Encroachment of private enterprise and the existence of a National Park limit expansion.

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 existence of wetlands, archaeological sites, IR sites, etc. could limit the land available for expansion.

4. Maintenance and Testing, continued

Table 4.2.b: Maximum Potential Maintenance and Testing Workload - Revised

Ordnance Type	DLMHs ILM						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mine Components	11.3K	16.8K	19.0K	18.5K	19.2K	19.2K	19.2K
Torpedoes	0	0	0	0	0	0	0
Air Launched Threat	647.5K	647.5K	647.5K	647.5K	669.1K	669.1K	669.1K
Surface Launched Threat	95K						
Other Threat	0	0	0	0	0	0	0
Expendables	NA						
INERT	6.4K						
CADs/PADs	0.4K						
Strategic Nuclear	**	**	**	**	**	**	**
Tactical Nuclear	**	**	**	**	**	**	**
LOE: Rockets	2.4K						
LOE: Bombs	13.5K						
LOE: Gun Ammo (20mm-16")	9.1K						
LOE: Small Arms (up to 50 cal)	6.5K						
LOE: Pyro/Demo	1.0K						
Grenades / Mortars / Projectiles	0.2K						
Other (specify) *	0.6K						
Total:	793.9K	799.4K	801.6K	801.1K	823.4K	823.4K	823.4K

*R 11/14/94**R 11/14/94*
R 11/14/94

NOTE: Data revised 14 nov 94 (Mine Components and TOTALS).

*NOTE: CHAFF/DECOY/AIR COUNTER/FLARES/SUS TOTALS IN (000's)

**NOTE: Classified data reported separately.

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Activity: 00109

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 - Revised

Ordnance Type	Units Throughput DLM							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Mine Components	43.2K	73.7K	24.1K	2.7K	3.3K	3.4K	2.7K	0.1K
Torpedoes	NA	NA	NA	NA	NA	NA	NA	NA
Air Launched Threat	NA	NA	NA	NA	NA	NA	NA	NA
Surface Launched Threat	NA	NA	NA	NA	NA	NA	NA	NA
Other Threat	NA	NA	NA	NA	NA	NA	NA	NA
Expendables	NA	NA	NA	NA	NA	NA	NA	NA
INERT	1.3K	1.1K	1.3K	0.9K	0.6K	1.0K	0.9K	**NA
CADs/PADs	NA	NA	NA	NA	NA	NA	NA	NA
Strategic Nuclear	NA	NA	NA	NA	NA	NA	NA	NA
Tactical Nuclear	NA	NA	NA	NA	NA	NA	NA	NA
LOE: Rockets	NA	NA	NA	NA	NA	NA	NA	NA
LOE: Bombs	NA	NA	NA	NA	NA	NA	NA	NA
LOE: Gun Ammo (20mm-16")	NA	NA	NA	NA	NA	NA	NA	NA
LOE: Small Arms (up to 50 cal)	NA	NA	NA	NA	NA	NA	NA	NA
LOE: Pyro/Demo	NA	NA	NA	NA	NA	NA	NA	NA
Grenades / Mortars / Projectiles	NA	NA	NA	NA	NA	NA	NA	NA
Other (specify) Calibration	13.9K	17.1K	17.7K	22.0K	24.2K	21.0K	26.4K	397.5 K*
Total:	58.4K	91.9K	43.1K	25.6K	28.1K	25.4K	30.0K	397.6 K

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NOTE: Table revised 12 SEP 94.

*NOTE: This is a significant workload increase related to the inspection and acceptance of sonobuoy components.

**NOTE: Supportable data not available.

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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 - Revised**

NA's added in blanks ←

Ordnance Type	Units Throughput DLM							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Mine Components	43.2K	73.7K	24.1K	2.7K	3.3K	3.4K	2.7K	0.1K
Torpedoes	NA	NA	NA	NA	NA	NA	NA	NA
Air Launched Threat	NA	NA	NA	NA	NA	NA	NA	NA
Surface Launched Threat	NA	NA	NA	NA	NA	NA	NA	NA
Other Threat	NA	NA	NA	NA	NA	NA	NA	NA
Expendables	NA	NA	NA	NA	NA	NA	NA	NA
INERT	1.3K	1.1K	1.3K	2.1K	3.7K	3.4K	2.9K	1.8K
CADs/PADs	NA	NA	NA	NA	NA	NA	NA	NA
Strategic Nuclear	NA	NA	NA	NA	NA	NA	NA	NA
Tactical Nuclear	NA	NA	NA	NA	NA	NA	NA	NA
LOE: Rockets	NA	NA	NA	NA	NA	NA	NA	NA
LOE: Bombs	NA	NA	NA	NA	NA	NA	NA	NA
LOE: Gun Ammo (20mm-16")	NA	NA	NA	NA	NA	NA	NA	NA
LOE: Small Arms (up to 50 cal)	NA	NA	NA	NA	NA	NA	NA	NA
LOE: Pyro/Demo	NA	NA	NA	NA	NA	NA	NA	NA
Grenades / Mortars / Projectiles	NA	NA	NA	NA	NA	NA	NA	NA
Other (specify) Calibration	13.9K	17.1K	17.7K	22.0K	24.2K	21.0K	26.4K	397.5K

Activity: 00109

Ordnance Type	Units Throughput DLM							
Total:	58.4 K	91.9K	43.1K	26.8K	31.2K	27.8K	32.0K	399.4K

NOTE: Table revised 17JUN94 to insert NA into each blank cell. No data revised.



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- Revised

Ordnance Type	Units Throughput					ILM			
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993	
Mine Components	0.9K	1.0K	1.0K	1.0K	0.9K	1.1K	1.0K	0.8K	
Torpedoes	0.7K	0.8K	0.8K	0.7K	0.5K	0.4K	0.6K	0.4K	
Air Launched Threat	6.5K	6.7K	9.2K	8.5K	6.9K	7.4K	7.0K	4.5K	
Surface Launched Threat	0.9K	1.0K	1.3K	1.3K	1.3K	0.9K	1.2K	0.9K	(R)
Other Threat	0.6K	0.6K	0.5K	0.4K	0.4K	0.4K	0.3K	0.3K	
Expendables	NA	NA	NA	NA	NA	NA	NA	NA	
INERT	7.3K	4.0K	17.7K	91.2K	16.6K	37.2K	35.6K	22.0K	(R)
CADs/PADs	0.3K	0	0	0.4K	0	0	28.2K	18.5K	(R)
Strategic Nuclear	**	**	**	**	**	**	**	**	
Tactical Nuclear	**	**	**	**	**	**	**	**	
LOE: Rockets	4.1K	2.2K	11.6K	9.4K	1.1K	0.8K	1.2K	1.5K	(R)
LOE: Bombs	4.2K	2.8K	15.4K	40.7K	14.1K	9.6K	14.1K	2.7K	(R)
LOE: Gun Ammo (20mm-16")	10.1K	24.7K	31.1K	58.6K	116.4K	102.2K	56.0K	74.0K	(R)
LOE: Small Arms (up to 50 cal)	0	0	555.3K	86.1K	349.9K	472.5K	1.3M	606.0K	(R)
LOE: Pyro/Demo	0.9K	2.2K	0	2.2K	34.1K	9.5K	5.3K	3.1K	(R)
Grenades / Mortars / Projectiles	0	0	0	0	0	0	0	0	(R)
Other (specify) *	0	27.1K	0	38.4K	1.8K	19.8K	0.4K	9.0K	(R)
	36.5K	72.5K	643.9K	338.9K	544.0K	661.8K	1.5M	743.7K	(R)

NOTE: Table revised 12 SEP 94.

*NOTE: CHAFF/AIR COUNTER/DECOYS/FLARES/SUS

**NOTE: Classified data reported separately.

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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- Revised

Ordnance Type	Units Throughput ILM							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Mine Components	0.9K	1.0K	1.0K	1.0K	0.9K	1.1K	1.0K	0.8K
Torpedoes	0.7K	0.8K	0.8K	0.7K	0.5K	0.4K	0.6K	0.4K
Air Launched Threat	6.5K	6.7K	9.2K	8.5K	6.9K	7.4K	7.0K	4.5K
Surface Launched Threat	1.3K	1.2K	1.2K	1.2K	1.5K	1.3K	1.7K	1.4K
Other Threat	0.6K	0.6K	0.5K	0.6K	0.6K	0.5K	0.4K	0.3K
Expendables	NA	NA	NA	NA	NA	NA	NA	NA
INERT	133K	130K	145K	158K	16.7K	65.9K	32.1K	22.3K
CADs/PADs	0	9.3K	7.7K	6.8K	0	0	22.7K	18.5K
Strategic Nuclear	**	**	**	**	**	**	**	**
Tactical Nuclear	**	**	**	**	**	**	**	**
LOE: Rockets	5.8K	6.4K	8.4K	9.3K	4.2K	4.5K	1.8K	1.5K
LOE: Bombs	2.8K	2.4K	1.8K	4.0K	16.2K	11.9K	13.4K	2.7K
LOE: Gun Ammo (20mm-16")	67.5K	81.7K	96.6K	71.0K	91.9K	69.6K	28.1K	37.7K
LOE: Small Arms (up to 50 cal)	141.6K	108.9K	132.7K	153.6K	140.1K	42.1K	1.1M	563.6K
LOE: Pyro/Demo	4.4K	5.3K	3.2K	2.2K	7.6K	0.9K	114.0K	3.2K
Grenades / Mortars / Projectiles	***	***	***	***	***	4.4K	***	***
Other (specify) *	11.8K	24.1K	27.9K	38.3K	30.7K	59.3K	5.7K	30.8K
	376.9K	378.4K	435.0K	455.2K	317.8K	269.3K	1.3M	687.7K

NOTE: Table revised 17JUN94 to insert NA into each blank cell. FY 1989 Gun Ammo data and total revised.

*NOTE: CHAFF/AIR COUNTER/DECOYS/FLARES/SUS

**NOTE: Classified data reported separately.

***NOTE: FY 1991 is the only year this task was funded.



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4. Maintenance and Testing, continued

Table 4.1.b: Historic and Predicted Maintenance and Testing Workload - Revised

Ordnance Type	Units Throughput DLM							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mine Components	0.1K	0.1K	0.1K	0.1K	0.1K	0.1K	0.1K	0.1K
Torpedoes	NA	NA	NA	NA	NA	NA	NA	NA
Air Launched Threat	NA	NA	NA	NA	NA	NA	NA	NA
Surface Launched Threat	NA	NA	NA	NA	NA	NA	NA	NA
Other Threat	NA	NA	NA	NA	NA	NA	NA	NA
Expendables	NA	NA	NA	NA	NA	NA	NA	NA
INERT	2.3K	2.7K	2.6K	2.5K	2.4K	2.3K	2.2K	2.2A
CADs/PADs	NA	NA	NA	NA	NA	NA	NA	NA
Strategic Nuclear	NA	NA	NA	NA	NA	NA	NA	NA
Tactical Nuclear	NA	NA	NA	NA	NA	NA	NA	NA
LOE: Rockets	NA	NA	NA	NA	NA	NA	NA	NA
LOE: Bombs	NA	NA	NA	NA	NA	NA	NA	NA
LOE: Gun Ammo (20mm-16")	NA	NA	NA	NA	NA	NA	NA	NA
LOE: Small Arms (up to 50 cal)	NA	NA	NA	NA	NA	NA	NA	NA
LOE: Pyro/Demo	NA	NA	NA	NA	NA	NA	NA	NA
Grenades / Mortars / Projectiles	NA	NA	NA	NA	NA	NA	NA	NA
Other (specify) Calibration	180.2 K	75.9K	42.2K	23.2K	25.3K	25.3K	25.3K	25.3 K
Total:	182.6 K	78.7K	44.9K	25.8K	27.8K	27.7K	27.6K	27.6 K

NOTE: Table revised 17JUN94 to insert NA into each blank cell. No data revised

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4. **Maintenance and Testing, continued**Table 4.1.b: **Historic and Predicted Maintenance and Testing Workload - Revised**

Ordnance Type	Units Throughput DLM							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mine Components	0.1K	0.1K	0.1K	0.1K	0.1K	0.1K	0.1K	0.1K
Torpedoes	NA	NA	NA	NA	NA	NA	NA	NA
Air Launched Threat	NA	NA	NA	NA	NA	NA	NA	NA
Surface Launched Threat	NA	NA	NA	NA	NA	NA	NA	NA
Other Threat	NA	NA	NA	NA	NA	NA	NA	NA
Expendables	NA	NA	NA	NA	NA	NA	NA	NA
INERT	2.3K	2.7K	2.6K	2.5K	2.4K	2.3K	2.2K	2.2K
CADs/PADs	NA	NA	NA	NA	NA	NA	NA	NA
Strategic Nuclear	NA	NA	NA	NA	NA	NA	NA	NA
Tactical Nuclear	NA	NA	NA	NA	NA	NA	NA	NA
LOE: Rockets	NA	NA	NA	NA	NA	NA	NA	NA
LOE: Bombs	NA	NA	NA	NA	NA	NA	NA	NA
LOE: Gun Ammo (20mm-16")	NA	NA	NA	NA	NA	NA	NA	NA
LOE: Small Arms (up to 50 cal)	NA	NA	NA	NA	NA	NA	NA	NA
LOE: Pyro/Demo	NA	NA	NA	NA	NA	NA	NA	NA
Grenades / Mortars / Projectiles	NA	NA	NA	NA	NA	NA	NA	NA
Other (specify) Calibration	180.2K	75.9K	42.2K	23.2K	25.3K	25.3K	25.3K	25.3K
Total:	182.6K	78.7K	44.9K	25.8K	27.8K	27.7K	27.6K	27.6K

NOTE: Table revised 17JUN94 to insert NA into each blank cell. No data revised.

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Activity: 00109

4. Maintenance and Testing, continued
 Table 4.1.b: Historic and Predicted Maintenance and Testing Workload - Revised

Ordnance Type	Units Throughput ILM								
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	
Mine Components	0.6K	0.7K	0.5K	0.7K	0.6K	0.6K	0.7K	0.7K	(R)
Torpedo	0.3K	0	0	0	0	0	0	0	(R)
Air Launched Threat	5.4K	5.7K	5.4K	4.8K	5.1K	4.8K	4.5K	4.5K	
Surface Launched Threat	1.1K	1.2K	1.3K	1.3K	1.3K	1.3K	1.3K	1.3K	(R)
Other Threat	0.1K	0.1K	0	0	0	0	0	0	(R)
Expendables	NA	NA	NA	NA	NA	NA	NA	NA	
INERT	4.4K	5.5K	5.6K	5.6K	5.6K	5.6K	5.7K	5.7K	
CADs/PADs	**	10.0K	**	10.0K	**	10.0K	**	10.0K	
Strategic Nuclear	***	***	***	***	***	***	***	***	
Tactical Nuclear	***	***	***	***	***	***	***	***	
LOE: Rockets	1.3K	1.5K	1.5K	1.0K	1.0K	1.0K	1.0K	1.0K	
LOE: Bombs	0.7K	1.5K	1.5K	1.5K	1.5K	1.5K	1.5K	1.5K	
LOE: Gun Ammo (20mm-16")	37.1K	24.0K	24.0K	24.0K	24.0K	24.0K	24.0K	24.0K	
LOE: Small Arms (up to 50 cal)	875.0K	500.0K	500.0K	500.0K	500.0K	500.0K	500.0K	500.0K	
LOE: Pyro/Demo	3.0K	3.5K	3.5K	3.5K	3.5K	3.5K	3.5K	3.5K	
Grenades / Mortars / Projectiles	NA	NA	NA	NA	NA	NA	NA	NA	
Other (specify) *	5.7K	7.5K	7.5K	7.5K	7.5K	7.5K	7.5K	7.5K	
Total:	934.7K	561.2K	550.8K	559.9K	550.1K	559.8K	549.7K	559.7K	(R)

NOTE: Table revised 12 SEP 94.

*NOTE: CHAFF/DECOYS/AIR COUNTER/FLARES/SUS

**NOTE: Projections based on program funding and assets availability.

***NOTE: Classified data reported separately.

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4. **Maintenance and Testing, continued**
Table 4.1.b: Historic and Predicted Maintenance and Testing Workload - Revised

Ordnance Type	Units Throughput ILM							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mine Components	0.6K	0.7K	0.5K	0.6K	0.6K	0.6K	0.7K	0.7K
Torpedo	0.4K	0.2K	0.2K	0.2K	0.2K	0.2K	0.2K	0.2K
Air Launched Threat	5.4K	5.7K	5.4K	4.8K	5.1K	4.8K	4.5K	4.5K
Surface Launched Threat	1.9K	1.9K	1.9K	1.9K	2.0K	2.0K	2.0K	2.0K
Other Threat	0.5K	0.5K	0.6K	0.6K	0.6K	0.6K	0.6K	0.6K
Expendables	NA	NA	NA	NA	NA	NA	NA	NA
INERT	4.4K	5.5K	5.6K	5.6K	5.6K	5.6K	5.7K	5.7K
CADs/PADs	**	10.0K	**	10.0K	**	10.0K	**	10.0K
Strategic Nuclear	***	***	***	***	***	***	***	***
Tactical Nuclear	***	***	***	***	***	***	***	***
LOE: Rockets	1.3K	1.5K	1.5K	1.0K	1.0K	1.0K	1.0K	1.0K
LOE: Bombs	.7K	1.5K	1.5K	1.5K	1.5K	1.5K	1.5K	1.5K
LOE: Gun Ammo (20mm-16")	37.1K	24.0K	24.0K	24.0K	24.0K	24.0K	24.0K	24.0K
LOE: Small Arms (up to 50 cal)	875.0K	500.0K	500.0K	500.0K	500.0K	500.0K	500.0K	500.0K
LOE: Pyro/Demo	3.0K	3.5K	3.5K	3.5K	3.5K	3.5K	3.5K	3.5K
Grenades / Mortars / Projectiles	NA	NA	NA	NA	NA	NA	NA	NA
Other (specify) *	5.7K	7.5K	7.5K	7.5K	7.5K	7.5K	7.5K	7.5K
Total:	936.0K	562.5K	552.2K	561.2K	561.6K	561.3K	551.2K	561.2K

NOTE: Table revised 17JUN94 to insert NA into each blank cell. No data revised.

*NOTE: CHAFF/DECOYS/AIR COUNTER/FLARES/SUS

**NOTE: Projections based on program funding and assets availability.

***NOTE: Classified data reported separately.

4. Maintenance and Testing, continued

Table 4.1.c: Historic and Predicted Maintenance and Testing Workload - Revised

Ordnance Type	DLMHs DLM							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Mine Components	60.0K	60.0K	62.5K	65.0K	75.7K	43.8K	28.0K	5.3K
Torpedoes	NA	NA	NA	NA	NA	NA	NA	NA
Air Launched Threat	NA	NA	NA	NA	NA	NA	NA	NA
Surface Launched Threat	NA	NA	NA	NA	NA	NA	NA	NA
Other Threat	NA	NA	NA	NA	NA	NA	NA	NA
Expendables	NA	NA	NA	NA	NA	NA	NA	NA
INERT	* NA	* NA	* NA	* NA	* NA	* NA	* NA	* NA
CADs/PADs	NA	NA	NA	NA	NA	NA	NA	NA
Strategic Nuclear	NA	NA	NA	NA	NA	NA	NA	NA
Tactical Nuclear	NA	NA	NA	NA	NA	NA	NA	NA
LOE: Rockets	NA	NA	NA	NA	NA	NA	NA	NA
LOE: Bombs	NA	NA	NA	NA	NA	NA	NA	NA
LOE: Gun Ammo (20mm-16")	NA	NA	NA	NA	NA	NA	NA	NA
LOE: Small Arms (up to 50 cal)	NA	NA	NA	NA	NA	NA	NA	NA
LOE: Pyro/Demo	NA	NA	NA	NA	NA	NA	NA	NA
Grenades / Mortars / Projectiles	NA	NA	NA	NA	NA	NA	NA	NA
Other (specify) Calibration	56.6K	82.5K	87.1K	98.7K	133.6K	118.0K	115.7K	121.9K
Total:	116.6K	142.5K	149.6K	163.7K	209.3K	161.8K	143.7K	127.2K

NOTE: Table revised 12 SEP 94.

* NOTE: Supportable data not available

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4. Maintenance and Testing, continued

and Testing Workload - Revised

Table 4.1.c: Historic and Predicted Maintenance

Ordnance Type	DLMHs DLM							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Mine Components	60.0K	60.0K	62.5K	65.0K	75.7K	43.8K	28.0K	5.3K
Torpedoes	NA	NA	NA	NA	NA	NA	NA	NA
Air Launched Threat	NA	NA	NA	NA	NA	NA	NA	NA
Surface Launched Threat	NA	NA	NA	NA	NA	NA	NA	NA
Other Threat	NA	NA	NA	NA	NA	NA	NA	NA
Expendables	NA	NA	NA	NA	NA	NA	NA	NA
INERT	10.0K	7.7K	10.5K	15.2K	18.6K	21.0K	16.6K	11.2K
CADs/PADs	NA	NA	NA	NA	NA	NA	NA	NA
Strategic Nuclear	NA	NA	NA	NA	NA	NA	NA	NA
Tactical Nuclear	NA	NA	NA	NA	NA	NA	NA	NA
LOE: Rockets	NA	NA	NA	NA	NA	NA	NA	NA
LOE: Bombs	NA	NA	NA	NA	NA	NA	NA	NA
LOE: Gun Ammo (20mm-16")	NA	NA	NA	NA	NA	NA	NA	NA
LOE: Small Arms (up to 50 cal)	NA	NA	NA	NA	NA	NA	NA	NA
LOE: Pyro/Demo	NA	NA	NA	NA	NA	NA	NA	NA
Grenades / Mortars / Projectiles	NA	NA	NA	NA	NA	NA	NA	NA
Other (specify) Calibration	56.6K	82.5K	87.1K	98.7K	133.6 K	118.0 K	115.7 K	121.9K
Total:	126.6 K	150.2 K	160.1 K	178.9 K	227.9 K	182.8 K	160.3 K	138.4K

NOTE: Table revised 17JUN94 to insert NA into each blank cell. No data revised.

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4. Maintenance and Testing, continued

Table 4.1.c: Historic and Predicted Maintenance and Testing Workload - Revised

Ordnance Type	DLMHs ILM								
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993	
Mines	21.0K	22.9K	20.5K	24.7K	19.1K	20.0K	23.8K	19.3K	
Torpedoes	***	***	***	22.1K	18.9K	15.7K	13.1K	10.5K	CR
Air Launched Threat	192.6K	203.7K	280.7K	235.7K	265.1K	212.1K	234.3K	188.9K	
Surface Launched Threat	***	***	***	***	***	***	47.5K	34.2K	CR
Other Threat	***	***	***	***	6.4K	6.6K	8.0K	11.5K	CR
Expendables	NA	NA	NA	NA	NA	NA	NA	NA	
INERT	***	***	***	4.2K	0.2K	***	***	0.9K	CR
CADs/PADs	***	0	0	***	0	0	***	0.2K	CR
Strategic Nuclear	**	**	**	**	**	**	**	**	
Tactical Nuclear	**	**	**	**	**	**	**	**	
LOE: Rockets	***	***	***	***	0.4K	0.1K	***	1.0K	CR
LOE: Bombs	***	***	***	8.7K	2.7K	***	***	1.4K	CR
LOE: Gun Ammo (20mm-16")	***	***	***	1.5K	2.3K	3.4K	***	0.8K	CR
LOE: Small Arms (up to 50 cal)	0	0	***	0.4K	1.3K	0.3K	***	0.8K	CR
LOE: Pyro/Demo	***	***	0	0.4K	4.1K	1.2K	***	0.3K	CR
Grenades / Mortars / Projectiles	0	0	0	0	0	0	0	0	
Other (specify) *	0	***	0	2.2K	3.7K	0.9K	***	0.9K	CR
Total:	213.6K	226.6K	301.2K	299.9K	324.2K	260.3K	326.7K	270.7K	CR

NOTE: Table revised 12 SEP 94.

*NOTE: CHAFF/DECOY/AIR COUNTER/FLARES/SUS

**NOTE: Classified data reported separately.

***NOTE: FY 1986 - 1992 labor hours not available

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4. ~~Maintenance and Testing, continued~~Table 4.1.c: ~~Historic and Predicted Maintenance and Testing Workload - Revised~~ ←

Ordnance Type	DLMHs ILM							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Mines	21.0K	22.9K	20.5K	24.7K	19.1K	20.0K	23.8K	19.3K
Torpedoes	NA	NA	NA	25.2K	18.9K	15.3K	13.2K	10.4K
Air Launched Threat	192.6 K	203.7 K	280.7 K	235.7 K	265.1 K	212.1 K	234.3 K	188.9K
Surface Launched Threat	51.3K	50.0K	49.5K	47.7K	59.8K	49.5K	61.7K	64.4K
Other Threat	****	****	****	****	1.2K	1.3K	1.9K	.6K
Expendables	NA	NA	NA	NA	NA	NA	NA	NA
INERT	3.7K	3.1K	3.5K	5.3K	1.5K	2.7K	2.6K	2.2K
CADs/PADs	0	0.2K	0.1K	0.1K	0	0	3.3K	1.8K
Strategic Nuclear	**	**	**	**	**	**	**	**
Tactical Nuclear	**	**	**	**	**	**	**	**
LOE: Rockets	3.9K	4.1K	4.8K	4.9K	3.8K	3.6K	2.6K	2.3K
LOE: Bombs	5.8K	4.8K	4.1K	6.5K	9.2K	8.3K	27.9K	3.9K
LOE: Gun Ammo (20mm-16")	2.9K	3.6K	3.7K	.1K	3.5K	2.6K	4.7K	2.3K
LOE: Small Arms (up to 50 cal)	1.2K	1.0K	1.1K	1.4K	1.2K	.7K	3.0K	1.3K
LOE: Pyro/Demo	.7K	.9K	.5K	.5K	.8K	.2K	3.2K	.3K
Grenades / Mortars / Projectiles	***	***	***	***	***	.1K	***	***
Other (specify) *	1.8K	2.3K	2.2K	2.9K	2.0K	4.0K	.9K	1.6K
Total:	284.9 K	296.6K	370.7K	355.0K	386.1K	320.4K	383.1K	299.3K

NOTE: Table revised 17JUN94 to insert NA into each blank cell. FY 1989 total revised.

*NOTE: CHAFF/DECOY/AIR COUNTER/FLARES/SUS

**NOTE: Classified data reported separately.

***NOTE: FY 1991 was the only year this task was funded.

****NOTE: FY 1986 - 1989 labor hours not available

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4. Maintenance and Testing, continued

Table 4.1.d: Historic and Predicted Maintenance and Testing Workload - Revised

Ordnance Type	DLMHs DLM							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mine Components	6.6K	6.0K	5.0K	5.0K	5.0K	5.0K	5.0K	5.0K
Torpedoes	NA	NA						
Air Launched Threat	NA	NA						
Surface Launched Threat	NA	NA	NA	NA	NA	NA	NA	NA
Other Threat	NA	NA	NA	NA	NA	NA	NA	NA
Expendables	NA	NA	NA	NA	NA	NA	NA	NA
INERT	27.8K	31.4K	31.5K	30.2K	30.4K	29.6K	24.1K	17.2K
CADs/PADs	NA	NA	NA	NA	NA	NA	NA	NA
Strategic Nuclear	NA	NA	NA	NA	NA	NA	NA	NA
Tactical Nuclear	NA	NA	NA	NA	NA	NA	NA	NA
LOE: Rockets	NA	NA	NA	NA	NA	NA	NA	NA
LOE: Bombs	NA	NA	NA	NA	NA	NA	NA	NA
LOE: Gun Ammo (20mm-16")	NA	NA	NA	NA	NA	NA	NA	NA
LOE: Small Arms (up to 50 cal)	NA	NA	NA	NA	NA	NA	NA	NA
LOE: Pyro/Demo	NA	NA	NA	NA	NA	NA	NA	NA
Grenades / Mortars / Projectiles	NA	NA	NA	NA	NA	NA	NA	NA
Other (specify) Calibration	130.3 K	127.0 K	129.0 K	129.5 K	129.5 K	129.6 K	129.6 K	129.6K
Total:	164.7 K	164.4 K	165.5 K	164.7 K	164.9 K	164.2 K	158.7 K	151.8K

NOTE: Table revised 17JUN94 to insert NA into each blank cell. No data revised.

4. ~~Maintenance and Testing, continued~~Table 4.1.d: ~~Historic and Predicted Maintenance and Testing Workload - Revised~~

Ordnance Type	DLMHs DLM							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mine Components	6.6K	6.0K	5.0K	5.0K	5.0K	5.0K	5.0K	5.0K
Torpedoes	NA	NA						
Air Launched Threat	NA	NA						
Surface Launched Threat	NA	NA	NA	NA	NA	NA	NA	NA
Other Threat	NA	NA	NA	NA	NA	NA	NA	NA
Expendables	NA	NA	NA	NA	NA	NA	NA	NA
INERT	27.8K	31.4K	31.5K	30.2K	30.4K	29.6K	24.1K	17.2K
CADs/PADs	NA	NA	NA	NA	NA	NA	NA	NA
Strategic Nuclear	NA	NA	NA	NA	NA	NA	NA	NA
Tactical Nuclear	NA	NA	NA	NA	NA	NA	NA	NA
LOE: Rockets	NA	NA	NA	NA	NA	NA	NA	NA
LOE: Bombs	NA	NA	NA	NA	NA	NA	NA	NA
LOE: Gun Ammo (20mm-16")	NA	NA	NA	NA	NA	NA	NA	NA
LOE: Small Arms (up to 50 cal)	NA	NA	NA	NA	NA	NA	NA	NA
LOE: Pyro/Demo	NA	NA	NA	NA	NA	NA	NA	NA
Grenades / Mortars / Projectiles	NA	NA	NA	NA	NA	NA	NA	NA
Other (specify) Calibration	130.3 _K	127.0 _K	129.0 _K	129.5 _K	129.3 _K	129.6 _K	129.6 _K	129.6K
Total:	164.7 _K	164.4 _K	165.5 _K	164.7 _K	164.9 _K	164.2 _K	158.7 _K	151.8K

NOTE: Table revised 17JUN94 to insert NA into each blank cell. No data revised.

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Activity: 00109

4. Maintenance and Testing, continued

Table 4.1.d: Historic and Predicted Maintenance and Testing Workload - Revised

Ordnance Type	DLMHs ILM								
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	
Mine Components	14.9K	11.3K	16.8K	19.0K	18.5K	18.5K	19.2K	19.2K	(R)
Torpedoes	2.6K	0	0	0	0	0	0	0	(R)
Air Launched Threat	195.2K	197.8K	190.1K	165.8K	180.1K	169.8K	159.4K	159.4K	
Surface Launched Threat	45.6K	47.2K	48.8K	47.4K	50.0K	50.2K	50.2K	50.2K	(R)
Other Threat	11.4K	NA	0	0	0	0	0	0	(R)
Expendables	NA	NA	NA	NA	NA	NA	NA	NA	
INERT	3.3K	1.5K	1.7K	1.5K	1.7K	1.5K	1.7K	1.5K	
CADs/PADs	**	0.2K	**	0.2K	**	0.2K	**	0.2K	
Strategic Nuclear	***	***	***	***	***	***	***	***	
Tactical Nuclear	***	***	***	***	***	***	***	***	
LOE: Rockets	1.8K	1.5K	1.5K	0.8K	0.8K	0.8K	0.8K	0.8K	
LOE: Bombs	3.4K	4.8K	4.7K	4.5K	4.5K	4.5K	4.5K	4.5K	
LOE: Gun Ammo (20mm-16")	1.1K	0.9K	0.9K	0.9K	0.9K	0.9K	0.9K	0.9K	
LOE: Small Arms (up to 50 cal)	1.9K	1.3K	1.3K	1.3K	1.3K	1.3K	1.3K	1.3K	
LOE: Pyro/Demo	0.4K	0.5K	0.5K	0.5K	0.5K	0.5K	0.5K	0.5K	
Grenades / Mortars / Projectiles	NA	NA	NA	NA	NA	NA	NA	NA	
Other (specify) *	0.2K	0.3K	0.3K	0.3K	0.3K	0.3K	0.3K	0.3K	
Total:	291.8K	267.3K	266.6K	242.2K	258.6K	249.2K	238.8K	238.8K	(R)

NOTE: Table revised 17 SEP 94.

*NOTE: CHAFF/DECOYS/AIR COUNTER/FLARES/SUS

**NOTE: Projections based on program funding and assets availability.

*** NOTE: Classified data reported separately.

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4. Maintenance and Testing, continued

Table 4.1.d: Historic and Predicted Maintenance and Testing Workload - Revised

Ordnance Type	DLMHs ILM							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mine Components	14.9K	8.6K	10.3K	10.0K	11.4K	11.4K	12.6K	12.6K
Torpedoes	3.8K	0.7K	0.7K	0.7K	0.7K	0.7K	0.7K	0.7K
Air Launched Threat	195.2 [↑] K	197.8 [↑] K	190.1 [↑] K	165.8 [↑] K	180.1 [↑] K	169.8 [↑] K	159.4 [↑] K	159.4K
Surface Launched Threat	65.5K	70.1K	69.9K	68.4K	70.7K	71.5K	71.5K	71.5K
Other Threat	7.5K	8.2K	8.8K	8.9K	9.5K	9.6K	9.7K	9.8K
Expendables	NA	NA	NA	NA	NA	NA	NA	NA
INERT	3.3K	1.5K	1.7K	1.5K	1.7K	1.5K	1.7K	1.5K
CADs/PADs	**	0.2K	**	0.2K	**	0.2K	**	0.2K
Strategic Nuclear	***	***	***	***	***	***	***	***
Tactical Nuclear	***	***	***	***	***	***	***	***
LOE: Rockets	1.8K	1.5K	1.5K	0.8K	0.8K	0.8K	0.8K	0.8K
LOE: Bombs	3.4K	4.8K	4.7K	4.5K	4.5K	4.5K	4.5K	4.5K
LOE: Gun Ammo (20mm-16")	1.1K	0.9K	0.9K	0.9K	0.9K	0.9K	0.9K	0.9K
LOE: Small Arms (up to 50 cal)	1.9K	1.3K	1.3K	1.3K	1.3K	1.3K	1.3K	1.3K
LOE: Pyro/Demo	0.4K	0.5K	0.5K	0.5K	0.5K	0.5K	0.5K	0.5K
Grenades / Mortars / Projectiles	NA	NA	NA	NA	NA	NA	NA	NA
Other (specify) *	0.2K	0.3K	0.3K	0.3K	0.3K	0.3K	0.3K	0.3K
Total:	299.0 [↑] K	296.4 [↑] K	290.7 [↑] K	263.8 [↑] K	282.4 [↑] K	273.0 [↑] K	263.9 [↑] K	264.0K

NOTE: Table revised 17JUN94 to insert NA into each blank cell. No data revised.

*NOTE: CHAFF/DECOYS/AIR COUNTER/FLARES/SUS

**NOTE: Projections based on program funding and assets availability.

*** NOTE: Classified data reported separately.

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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 - Revised

Ordnance Type	Units Throughput DLM						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mine Components	0.2K	0.2K	0.2K	0.2K	0.2K	0.2K	0.2K
Torp	NA	NA	NA	NA	NA	NA	NA
Air Launched Threat	NA	NA	NA	NA	NA	NA	NA
Surface Launched Threat	NA	NA	NA	NA	NA	NA	NA
Other Threat	NA	NA	NA	NA	NA	NA	NA
Expendables	NA	NA	NA	NA	NA	NA	NA
INERT	13.0K	13.0K	13.0K	13.0K	13.0K	13.0K	13.0K
CADs/PADs	NA	NA	NA	NA	NA	NA	NA
Strategic Nuclear	NA	NA	NA	NA	NA	NA	NA
Tactical Nuclear	NA	NA	NA	NA	NA	NA	NA
LOE: Rockets	NA	NA	NA	NA	NA	NA	NA
LOE: Bombs	NA	NA	NA	NA	NA	NA	NA
LOE: Gun Ammo (20mm-16")	NA	NA	NA	NA	NA	NA	NA
LOE: Small Arms (up to 50 cal)	NA	NA	NA	NA	NA	NA	NA
LOE: Pyro/Demo	NA	NA	NA	NA	NA	NA	NA
Grenades / Mortars / Projectiles	NA	NA	NA	NA	NA	NA	NA
Other (specify) Calibration	250.0 K	250.0 K	250.0 K	250.0 K	250.0 K	250.0 K	250.0 K
Total:	263.2 K	263.2 K	263.2 K	263.2 K	263.2 K	263.2 K	263.2 K

NOTE: Table revised 17JUN94 to insert NA into each blank cell. No data revised.

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 - Revised**

Ordnance Type	Units Throughput DLM						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mine Components	0.2K	0.2K	0.2K	0.2K	0.2K	0.2K	0.2K
Torp	NA	NA	NA	NA	NA	NA	NA
Air Launched Threat	NA	NA	NA	NA	NA	NA	NA
Surface Launched Threat	NA	NA	NA	NA	NA	NA	NA
Other Threat	NA	NA	NA	NA	NA	NA	NA
Expendables	NA	NA	NA	NA	NA	NA	NA
INERT	13.0K	13.0K	13.0K	13.0K	13.0K	13.0K	13.0K
CADs/PADs	NA	NA	NA	NA	NA	NA	NA
Strategic Nuclear	NA	NA	NA	NA	NA	NA	NA
Tactical Nuclear	NA	NA	NA	NA	NA	NA	NA
LOE: Rockets	NA	NA	NA	NA	NA	NA	NA
LOE: Bombs	NA	NA	NA	NA	NA	NA	NA
LOE: Gun Ammo (20mm-16")	NA	NA	NA	NA	NA	NA	NA
LOE: Small Arms (up to 50 cal)	NA	NA	NA	NA	NA	NA	NA
LOE: Pyro/Demo	NA	NA	NA	NA	NA	NA	NA
Grenades / Mortars / Projectiles	NA	NA	NA	NA	NA	NA	NA
Other (specify) Calibration	250.0K	250.0K	250.0K	250.0K	250.0K	250.0K	250.0K
Total:	263.2K	263.2K	263.2K	263.2K	263.2K	263.2K	263.2K

NOTE: Table revised 17JUN94 to insert NA into each blank cell. No data revised.

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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 - Revised

Ordnance Type	Units Throughput ILM						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mine Components	0.7K	0.5K	0.7K	0.6K	0.6K	0.7K	0.7K
Torpedoes	0	0	0	0	0	0	0
Air Launched Threat	29.1K	29.1K	29.1K	29.1K	31.2K	31.2K	31.2K
Surface Launched Threat	2.5K	2.5K	2.5K	2.5K	2.5K	2.5K	2.5K
Other Threat	0	0	0	0	0	0	0
Expendables	NA	NA	NA	NA	NA	NA	NA
INERT	11.5K	11.5K	11.5K	11.5K	11.5K	11.5K	11.5K
CADs/PADs	20.0K	20.0K	20.0K	20.0K	20.0K	20.0K	20.0K
Strategic Nuclear	**	**	**	**	**	**	**
Tactical Nuclear	**	**	**	**	**	**	**
LOE: Rockets	3.0K	3.0K	3.0K	3.0K	3.0K	3.0K	3.0K
LOE: Bombs	4.5K	4.5K	4.5K	4.5K	4.5K	4.5K	4.5K
LOE: Gun Ammo (20mm-16")	250K	250K	250K	250K	250K	250K	250K
LOE: Small Arms (up to 50 cal)	2.5M	2.5M	2.5M	2.5M	2.5M	2.5M	2.5M
LOE: Pyro/Demo	7.0K	7.0K	7.0K	7.0K	7.0K	7.0K	7.0K
Grenades / Mortars / Projectiles	9.0K	9.0K	9.0K	9.0K	9.0K	9.0K	9.0K
Other (specify) *	15.0K	15.0K	15.0K	15.0K	15.0K	15.0K	15.0K
Totals:	2.9M	2.9M	2.9M	2.9M	2.9M	2.9M	2.9M

CR
CR
CR
CR

NOTE: Data revised 09SEP94

*NOTE: CHAFF/DECOYS/AIR COUNTER/FLARES/SUS

**NOTE: Classified data reported separately

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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 - Revised**

Ordnance Type	Units Throughput ILM						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mine Components	0.7K	0.7K	0.7K	0.7K	0.7K	0.7K	0.7K
Torpedoes	1.0K	1.0K	1.0K	1.0K	1.0K	1.0K	1.0K
Air Launched Threat	29.1K	29.1K	29.1K	29.1K	31.2K	31.2K	31.2K
Surface Launched Threat	4.2K	4.2K	4.2K	4.2K	4.2K	4.2K	4.2K
Other Threat	1.5K	1.5K	1.5K	1.5K	1.5K	1.5K	1.5K
Expendables	NA	NA	NA	NA	NA	NA	NA
INERT	11.5K	11.5K	11.5K	11.5K	11.5K	11.5K	11.5K
CADs/PADs	20.0K	20.0K	20.0K	20.0K	20.0K	20.0K	20.0K
Strategic Nuclear	**	**	**	**	**	**	**
Tactical Nuclear	**	**	**	**	**	**	**
LOE: Rockets	3.0K	3.0K	3.0K	3.0K	3.0K	3.0K	3.0K
LOE: Bombs	4.5K	4.5K	4.5K	4.5K	4.5K	4.5K	4.5K
LOE: Gun Ammo (20mm-16")	250K	250K	250K	250K	250K	250K	250K
LOE: Small Arms (up to 50 cal)	2.5M	2.5M	2.5M	2.5M	2.5M	2.5M	2.5M
LOE: Pyro/Demo	7.0K	7.0K	7.0K	7.0K	7.0K	7.0K	7.0K
Grenades / Mortars / Projectiles	9.0K	9.0K	9.0K	9.0K	9.0K	9.0K	9.0K
Other (specify) *	15.0K	15.0K	15.0K	15.0K	15.0K	15.0K	15.0K
*** TOTALS = 2,826,700	2.9M	2.9M	2.9M	2.9M	2.9M	2.9M	2.9M

NOTE: Table revised 17JUN94 to insert NA into each blank cell. No data revised.

*NOTE: CHAFF/DECOYS/AIR COUNTER/FLARES/SUS

**NOTE: Classified data reported separately

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4. Maintenance and Testing, continued

Table 4.2.b: Maximum Potential Maintenance and Testing Workload - Revised

Ordnance Type	DLMHs DLM						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mine Components	15.0K						
Torpedoes	NA						
Air Launched Threat	NA						
Surface Launched Threat	NA						
Other Threat	NA						
Expendables	NA						
INERT	96.8K						
CADs/PADs	NA						
Strategic Nuclear	NA						
Tactical Nuclear	NA						
LOE: Rockets	NA						
LOE: Bombs	NA						
LOE: Gun Ammo (20mm-16")	NA						
LOE: Small Arms (up to 50 cal)	NA						
LOE: Pyro/Demo	NA						
Grenades / Mortars / Projectiles	NA						
Other (specify) Calibration	250.0 K						
Total:	361.8 K						

NOTE: Table revised 17JUN94 to insert NA into each blank cell. No data revised.

4. Maintenance and Testing, continued

Table 4.2.b: Maximum Potential Maintenance and Testing Workload - Revised

Ordnance Type	DLMHs DLM						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mine Components	15.0K	15.0K	15.0K	15.0K	15.0K	15.0K	15.0K
Torpedoes	NA	NA	NA	NA	NA	NA	NA
Air Launched Threat	NA	NA	NA	NA	NA	NA	NA
Surface Launched Threat	NA	NA	NA	NA	NA	NA	NA
Other Threat	NA	NA	NA	NA	NA	NA	NA
Expendables	NA	NA	NA	NA	NA	NA	NA
INERT	96.8K	96.8K	96.8K	96.8K	96.8K	96.8K	96.8K
CADs/PADs	NA	NA	NA	NA	NA	NA	NA
Strategic Nuclear	NA	NA	NA	NA	NA	NA	NA
Tactical Nuclear	NA	NA	NA	NA	NA	NA	NA
LOE: Rockets	NA	NA	NA	NA	NA	NA	NA
LOE: Bombs	NA	NA	NA	NA	NA	NA	NA
LOE: Gun Ammo (20mm-16")	NA	NA	NA	NA	NA	NA	NA
LOE: Small Arms (up to 50 cal)	NA	NA	NA	NA	NA	NA	NA
LOE: Pyro/Demo	NA	NA	NA	NA	NA	NA	NA
Grenades / Mortars / Projectiles	NA	NA	NA	NA	NA	NA	NA
Other (specify) Calibration	250.0 K	250.0 K	250.0 K	250.0 K	250.0 K	250.0 K	250.0K
Total:	361.8 K	361.8 K	361.8 K	361.8 K	361.8 K	361.8 K	361.8K

NOTE: Table revised 17JUN94 to insert NA into each blank cell. No data revised.

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4. Maintenance and Testing, continued

Table 4.2.b: Maximum Potential Maintenance and Testing Workload - Revised

Ordnance Type	DLMHs				ILM		
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mine Components	8.6K	10.3K	10.0K	11.4K	11.4K	12.6K	12.6K
Torpedoes	0	0	0	0	0	0	0
Air Launched Threat	647.5K	647.5K	647.5K	647.5K	669.1K	669.1K	669.1K
Surface Launched Threat	95K						
Other Threat	0	0	0	0	0	0	0
Expendables	NA						
INERT	6.4K						
CADs/PADs	0.4K						
Strategic Nuclear	**	**	**	**	**	**	**
Tactical Nuclear	**	**	**	**	**	**	**
LOE: Rockets	2.4K						
LOE: Bombs	13.5K						
LOE: Gun Ammo (20mm-16")	9.1K						
LOE: Small Arms (up to 50 cal)	6.5K						
LOE: Pyro/Demo	1.0K						
Grenades / Mortars / Projectiles	0.2K						
Other (specify) *	0.6K						
Total:	791.2K	792.9K	792.6K	794.0K	815.6K	816.8K	816.8K

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(R)

NOTE: Data revised 12 SEP 94

*NOTE: CHAFF/DECOY/AIR COUNTER/FLARES/SUS TOTALS IN (000's)

**NOTE: Classified data reported separately.

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4. Maintenance and Testing, continued

Table 4.2.b: Maximum Potential Maintenance and Testing Workload - Revised

Ordnance Type	DLMHs ILM						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mine Components	8.6K	10.3K	10.0K	11.4K	11.4K	12.6K	12.6K
Torpedoes	35.0K	35.0K	35.0K	35.0K	35.0K	35.0K	35.0K
Air Launched Threat	647.5 [↑] K	645.7 [↑] K	647.5 [↑] K	647.5 [↑] K	669.1 [↑] K	669.1 [↑] K	669.1K
Surface Launched Threat	156K	156K	156K	156K	156K	156K	156K
Other Threat	24.0K	24.0K	24.0K	24.0K	24.0K	24.0K	24.0 K
Expendables	NA	NA	NA	NA	NA	NA	NA
INERT	6.4K	6.4K	6.4K	6.4K	6.4K	6.4K	6.4K
CADs/PADs	.4K	.4K	.4K	.4K	.4K	.4K	.4K
Strategic Nuclear	**	**	**	**	**	**	**
Tactical Nuclear	**	**	**	**	**	**	**
LOE: Rockets	2.4K	2.4K	2.4K	2.4K	2.4K	2.4K	2.4K
LOE: Bombs	13.5K	13.5K	13.5K	13.5K	13.5K	13.5K	13.5K
LOE: Gun Ammo (20mm-16")	9.1K	9.1K	9.1K	9.1K	9.1K	9.1K	9.1K
LOE: Small Arms (up to 50 cal)	6.5K	6.5K	6.5K	6.5K	6.5K	6.5K	6.5K
LOE: Pyro/Demo	1.0K	1.0K	1.0K	1.0K	1.0K	1.0K	1.0K
Grenades / Mortars / Projectiles	.2K	.2K	.2K	.2K	.2K	.2K	.2K
Other (specify) *	.6K	.6K	.6K	.6K	.6K	.6K	.6K
Total:	911.2 [↑] K	911.1 [↑] K	912.6 [↑] K	914.0 [↑] K	935.6 [↑] K	936.8 [↑] K	936.8K

NOTE: Table revised 17JUN94 to insert NA into each blank cell. FY 1996 total revised

*NOTE: CHAFF/DECOY/AIR COUNTER/FLARES/SUS TOTALS IN (000's)

**NOTE: Classified data reported separately.

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.

TORPEDO projections are based on various maintenance types and 2 shifts working with 24 personnel per shift.

VLA FY 1995 through 2001 based on 2 shifts of 8 personnel per shift.

Surface Missile projection based on two MK 612 MOD 4 test sets and four test cells, and two shifts of 40 personnel each shift. DLMH based on 40.8 mh/unit.

Mine Components projections based on historical data, current and projected funding, and sponsor predictions. Air Launch Threat data is based on a 1 - 10 - 4 work week utilizing existing facilities and test equipment. Components calculations are rate totals of 4.7×10 , assumed number of man-hours per unit. Tasking is identified as the constraint.

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?

Surface Missile One additional MK 612 MOD 4 test set to service two existing test cells not in use. Procure additional MK 14 MOD 1 roll stands. MILCON for ready service magazine to assist in daily production stowage in progress, projected completion date FY-96. Procure additional MHE and transportation assets.

Mine Components: Upgrade test equipment.

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?

Hazards of OTTO fuel associated with class "B" overhauls. A new ventilation system would be required.

Mine Components: No.

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.)? (R)

The only environmental factors that inhibit further development at WPNSTA Yorktown are existing IR sites. These sites are currently being monitored, and a plan has been developed and agreed to via the FFA (Federal Facilities Act) to clean them up with DERA funds.

NOTE: 4.6 revised 16 SEP 94.

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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.

TORPEDO projections are based on various maintenance types and 2 shifts working with 24 personnel per shift.

VLA FY 1995 through 2001 based on 2 shifts of 8 personnel per shift.

Surface Missile projection based on two MK 612 MOD 4 test sets and four test cells, and two shifts of 40 personnel each shift. DLMH based on 40.8 mh/unit.

Mine Components projections based on historical data, current and projected funding, and sponsor predictions. Air Launch Threat data is based on a 1 - 10 - 4 work week utilizing existing facilities and test equipment. Components calculations are rate totals of 4.7 X 10, assumed number of man-hours per unit. Tasking is identified as the constraint.

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?

Surface Missile One additional MK 612 MOD 4 test set to service two existing test cells not in use. Procure additional MK 14 MOD 1 roll stands. MILCON for ready service magazine to assist in daily production stowage in progress, projected completion date FY-96. Procure additional MHE and transportation assets.

Mine Components: Upgrade test equipment.

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?

Hazards of OTTO fuel associated with class "B" overhauls. A new ventilation system would be required.

Mine Components: No.

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.)?

Mine Components: No.

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 - Revised

Ordnance (Type-Qty)	Current Rate	Limiting Factors	Cost to Remove (\$K)	New Rate
MK-46 Torpedo	438	Personnel/Funding Test Equipment	\$300.0k	1000
SM-1 & SM-2	650	Personnel/Funding Test Equipment	UNK	2500
Mine Components	160	Outdated Test Equipment	23.0K	220
Sparrow Components	100	Tasking	NA	2400
Harm Components	10	"	NA	1200
Hellfire Components	30	"	NA	1600
Maverick Components	30	"	NA	1200
Walleye Components	30	"	NA	1200
Sidarm Components	30	"	NA	1000
LGB Components	36	"	NA	2000
Sidewinder (1)	1835	(1)	UNK	5440
Sparrow (1)	1313	(1)	"	4272
Hellfire (1) (2)	2	shared cell	"	1530
Maverick (1) (2)	190	shared cell	"	1530
HARM (1)	826	(1)	"	2944

←
N/A's added
in blanks

Ordnance (Type-Qty)	Current Rate	Limiting Factors	Cost to Remove (\$K)	New Rate
SLAM (1) (3)	0	shared cell	"	1264
Harpoon (1) (2)	316	2 cells shared	"	1896
Phoenix (1)	382	(1)	"	1560
AMRAAM (1)	8	(1)	"	15120
Walleye (1)	326	(1)	"	1992
Penguin (1)	12	(1)	"	5040

NOTE: Table revised 17JUN94 to insert NA into each blank cell. No data revised. 

NOTES: (1) Additional personnel and work shift required.

(2) Shared test cell. Production could double with additional test set.

(3) Two test sets shared. One test set for Harpoon only. SLAM production could be increased by 33% with third test set.

NOTE: Specialized test equipment is provided by the program manager and the cost is unknown.

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
MK-46 Torpedo	Class "O" Overhaul	Keyport, WA.	Every 6 yrs. per weapon

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.

Unknown at this time. Need to contact ISEA and identify procedures, additional requirements and equipment needed.

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Activity: 00109

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 - Revised

Commodity Type	Throughput (Units)							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Ordnance	1.3K	1.1K	1.3K	0.9K	0.6K	1.0K	0.9K	NA
Mine Components	43.2K	73.7K	24.1K	2.7K	3.3K	3.4K	2.7K	0.1K
Other	13.9K	17.1K	17.7K	22.0K	24.2K	20.9K	26.4K	397.5K
Total:	58.4K	91.9K	43.1K	25.6K	28.1K	25.3K	30.0K	397.6K

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(R)

NOTE: Table revised 12 SEP 94.

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	2.3K	2.7K	2.6K	2.5K	2.4K	2.3K	2.2K	2.2K
Mine Components	0.1K	0.1K	0.1K	0.1K	0.1K	0.1K	0.1K	0.1K
Other	180.2K	75.9K	42.2K	23.2K	25.3K	25.3K	25.3K	25.3K
Total:	182.6K	78.7K	44.9K	25.8K	27.8K	27.7K	27.6K	27.6K

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NOTE: Table revised 12 SEP 94.

NOTE: Units throughput in 1993 for "Other" were 397,515 consisting of different assemblies and sub-assemblies of units; i.e. underwater sound signals and valves.

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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 - Revised

Commodity Type	Throughput (Units)							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Ordnance	1330	1141	1339	2137	3662	3426	2872	1814
Mine Components	43219	73652	24134	2730	3327	3440	2700	106
Other	13909	17075	17677	21954	24205	20916	26383	397515
Total:	58458	91868	43150	26821	31194	27782	31955	399435

NOTE: FY 1991 total revised.

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	2287	2675	2628	2482	2445	2343	2175	2201
Mine Components	100	90	90	80	80	80	80	80
Other	180242	75858	42152	23244	25264	25276	26296	25325
Total:	182629	78623	44870	25806	27789	27701	27551	27606

NOTE: Units throughput in 1993 for "Other" were 397,515 consisting of different assemblies and sub-assemblies of units; i.e. underwater sound signals and valves.

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4. Maintenance and Testing, continued

Table 4.10.c: Historic and Predicted Depot/Industrial Workload (R)

Commodity Type	Throughput (DLMHs)							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Ordnance	NA	NA	NA	NA	NA	NA	NA	NA
Mine Components	60.0K	60.0K	62.5K	65.0K	75.7K	43.8K	28.0K	5.3K
Other	56.6K	82.5K	87.1K	98.7K	133.6K	118.0K	115.7K	121.9K
Total:	116.6K	142.5K	149.6K	163.7K	209.3K	161.8K	143.7K	127.2K

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NOTE: Table revised 12 SEP 94.

NOTE: NA = Not Available

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
Ordnance	27.8K	31.4K	31.5K	30.2K	30.4K	29.6K	24.1K	17.2K
Mine Components	6.6K	6.0K	5.0K	5.0K	5.0K	5.0K	5.0K	5.0K
Other	130.3K	127.0K	129.0K	129.5K	129.5K	129.6K	129.6K	129.6K
Total:	164.7K	164.4K	165.5K	164.7K	164.9K	164.2K	158.7K	151.8K

NOTE: Table revised 12 SEP 94.

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	10.0K	7.7K	10.5K	15.2K	18.6K	21.0K	16.6K	11.2K
Mine Components	60.0K	60.0K	62.5K	65.0K	75.7K	43.8K	28.0K	5.3K
Other	56.6K	82.5K	87.1K	98.7K	133.6K	118.0K	115.7K	121.9K
Total:	126.6K	150.2K	160.1K	178.9K	227.9K	182.8K	160.3K	138.4K

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
Ordnance	27.8K	31.4K	31.5K	30.2K	30.4K	29.6K	24.1K	17.2K
Mine Components	6.6K	6.0K	5.0K	5.0K	5.0K	5.0K	5.0K	5.0K
Other	130.3K	127.0K	129.0K	129.5K	129.5K	129.6K	129.6K	129.6K
Total:	164.7K	164.4K	165.5K	164.7K	164.9K	164.2K	158.7K	151.8K

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Activity: 00109

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 ((R

Commodity Type	Throughput (Units)								
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	
Ordnance	NA	13000	13000	13000	13000	13000	13000	13000	(R
Mine Components	200	200	200	200	200	200	200	200	
Other	150000	150000	150000	150000	150000	150000	150000	150000	
Total:	150200	163200	163200	163200	163200	163200	163200	163200	(R

NOTE: Table revised 12 SEP 94.

NOTE: NA = Not Available

Table 4.11.b: Maximum Potential Depot/Industrial Workload ((R

Commodity Type	Throughput (DLMHs)								
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	
Ordnance	NA	96.8K	96.8K	96.8K	96.8K	96.8K	96.8K	96.8K	(R
Mine Components	15.0K	15.0K	15.0K	15.0K	15.0K	15.0K	15.0K	15.0K	
Other	250.0K	250.0K	250.0K	250.0K	250.0K	250.0K	250.0K	250.0K	
Total:	265.0K	361.8K	(R						

NOTE: Table revised 12 SEP 94.

NOTE: NA = Not Available

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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	5500	5500	5500	5500	5500	5500	5500	5500
Mine Components	200	200	200	200	200	200	200	200
Other	150000	150000	150000	150000	150000	150000	150000	150000
Total:	155700	155700	155700	155700	155700	155700	155700	155700

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	45.0K	45.0K	45.0K	45.0K	45.0K	45.0K	45.0K	45.0K
Mine Components	15.0K	15.0K	15.0K	15.0K	15.0K	15.0K	15.0K	15.0K
Other	250.0K	250.0K	250.0K	250.0K	250.0K	250.0K	250.0K	250.0K
Total:	310.0K	310.0K	310.0K	310.0K	310.0K	310.0K	310.0K	310.0K

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.

Present facilities and industrial plant equipment will support the additional workload requiring only additional manpower.

Other - Increase is projected at 80% utilizing a second work shift.

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?

None. This type of work is not suitable for automation and does not need a large investment in industrial plant equipment.

Mine Components and Other - None.

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.)?

None.

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Activity: 00109

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 (R)

FY 1995 Commodity Type	Product (units)			DLMHs		
	Predicted Workload	Potential Workload	Variance	Predicted Workload	Potential Workload	Variance
Ordnance	2.7K	13.0K	10.3K	31.4K	96.8K	65.4K
Mine Components	0.1K	0.2K	0.1K	6.0K	15.0K	9.0K
Other - Calibration	75.9K	150.0K	74.1K	127.0K	250.0K	123.0K
Total	78.7K	163.2K	84.5K	164.4K	361.8K	197.4K

¹ This workload is not duplicative of any previously reported workload. Detail all production categorized as "other".
NOTE: Table revised 12 SEP 94.

Table 4.15.b: PREDICTED WORKLOAD VARIANCE FOR FY 1996 (R)

FY 1996 Commodity Type	Product (units)			DLMHs		
	Predicted Workload	Potential Workload	Variance	Predicted Workload	Potential Workload	Variance
Ordnance	2.6K	13.0K	10.4K	31.5K	96.8K	65.3K
Mine Components	0.1K	0.2K	0.1K	5.0K	15.0K	10.0K
Other - Calibration	42.2K	150.0K	107.8K	129.0K	250.0K	121.0K
Total	44.9K	163.2K	118.3K	165.5K	361.8K	196.3K

¹ This workload is not duplicative of any previously reported workload. Detail all production categorized as "other".
NOTE: Table revised 12 SEP 94.

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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	2.7K	5.5K	2.8K	31.4K	45.0K	13.6K
Mine Components	0.1K	0.2K	0.1K	6.0K	15.0K	9.0K
Other - Calibration	75.9K	150.0K	74.1K	127.0K	250.0K	123.0K
Total	78.7K	155.7K	77.0K	164.4K	310.0K	145.6K

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	2.6K	5.5K	2.9K	31.5K	45.0K	13.5K
Mine Components	0.1K	0.2K	0.1k	5.0K	15.0K	10.0K
Other - Calibration	42.2K	150.0K	107.8K	129.0K	250.0K	121.0K
Total	44.9K	155.7K	110.8K	165.5K	310.0K	144.5K

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

R

4. Maintenance and Testing, continued

Table 4.15.c: PREDICTED WORKLOAD VARIANCE FOR FY 1997 (R)

FY 1997 Commodity Type	Product (units)			DLMHs		
	Predicted Workload	Potential Workload	Variance	Predicted Workload	Potential Workload	Variance
Ordnance	2.5K	13.0K	10.5K	30.2K	96.8K	66.6K
Mine Components	0.1K	0.2K	0.1K	5.0K	15.0K	10.0K
Other - Calibration	23.2K	150.0K	126.8K	129.5K	250.0K	120.5K
Total	25.8K	163.2K	137.4K	164.7K	361.8K	197.1K

¹ This workload is not duplicative of any previously reported workload. Detail all production categorized as "other".
NOTE: Table revised 12 SEP 94.

Table 4.15.d: PREDICTED WORKLOAD VARIANCE FOR FY 1998 (R)

FY 1998 Commodity Type	Product (units)			DLMHs		
	Predicted Workload	Potential Workload	Variance	Predicted Workload	Potential Workload	Variance
Ordnance	2.4K	13.0K	10.6K	30.4K	96.8K	66.4K
Mine Components	0.1K	0.2K	0.1K	5.0K	15.0K	10.0K
Other - Calibration	25.3K	150.0K	124.7K	129.5K	250.0K	120.5K
Total	27.8K	163.2K	135.4K	164.9K	361.8K	196.9K

¹ This workload is not duplicative of any previously reported workload. Detail all production categorized as "other".
NOTE: Table revised 12 SEP 94.

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4. **Maintenance and Testing, continued**Table 4.15.c: **PREDICTED WORKLOAD VARIANCE FOR FY 1997**

<i>FY 1997</i> Commodity Type	Product (units)			DLMHs		
	Predicted Workload	Potential Workload	Variance	Predicted Workload	Potential Workload	Variance
Ordnance	2.5K	5.5K	3.0K	30.2K	45.0K	14.8K
Mine Components	0.1K	0.2K	0.1K	5.0K	15.0K	10.0K
Other - Calibration	23.2K	150.0K	126.8K	129.5K	250.0K	120.5K
Total	25.8K	155.7K	129.9K	164.7K	310.0K	145.3K

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**

<i>FY 1998</i> Commodity Type	Product (units)			DLMHs		
	Predicted Workload	Potential Workload	Variance	Predicted Workload	Potential Workload	Variance
Ordnance	2.4K	5.5K	3.1K	30.4K	45.0K	14.6K
Mine Components	0.1K	0.2K	0.1K	5.0K	15.0K	10.0K
Other - Calibration	25.3K	150.0K	124.7K	129.5K	250.0K	120.5K
Total	27.8K	155.7K	127.9K	164.9K	310.0K	145.1K

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

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4. Maintenance and Testing, continued

Table 4.15.e: PREDICTED WORKLOAD VARIANCE FOR FY 1999 (R)

FY 1999 Commodity Type	Product (units)			DLMHs		
	Predicted Workload	Potential Workload	Variance	Predicted Workload	Potential Workload	Variance
Ordnance	2.3K	13.0K	10.7K	29.6K	96.8K	67.2K
Mine Components	0.1K	0.2K	0.1K	5.0K	15.0K	10.0K
Other - Calibration	25.3K	150.0K	124.7K	129.6K	250.0K	120.4K
Total	27.7K	163.2K	135.5K	164.2K	361.8K	197.6K

¹ This workload is not duplicative of any previously reported workload. Detail all production categorized as "other".
NOTE: Table revised 12 SEP 94.

Table 4.15.f: PREDICTED WORKLOAD VARIANCE FOR FY 2000 (R)

FY 2000 Commodity Type	Product (units)			DLMHs		
	Predicted Workload	Potential Workload	Variance	Predicted Workload	Potential Workload	Variance
Ordnance	2.2K	13.0K	10.8K	24.1K	96.8K	72.7K
Mine Components	0.1K	0.2K	0.1K	5.0K	15.0K	10.0K
Other - Calibration	25.3K	150.0K	124.7K	129.6K	250.0K	120.4K
Total	27.6K	163.2K	135.6K	158.7K	361.8K	203.1K

¹ This workload is not duplicative of any previously reported workload. Detail all production categorized as "other".
NOTE: Table revised 12 SEP 94.

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4. **Maintenance and Testing, continued**Table 4.15.e: **PREDICTED WORKLOAD VARIANCE FOR FY 1999**

Commodity Type <i>FY 1999</i>	Product (units)			DLMHs		
	Predicted Workload	Potential Workload	Variance	Predicted Workload	Potential Workload	Variance
Ordnance	2.3K	5.5K	3.2K	29.6K	45.0K	15.4K
Mine Components	0.1K	0.2K	0.1K	5.0K	15.0K	10.0K
Other - Calibration	25.3K	150.0K	124.7K	129.6K	250.0K	120.4K
Total	27.7K	155.7K	128.0K	164.2K	310.0K	145.8K

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**

Commodity Type <i>FY 2000</i>	Product (units)			DLMHs		
	Predicted Workload	Potential Workload	Variance	Predicted Workload	Potential Workload	Variance
Ordnance	2.2K	5.5K	3.3K	24.1K	45.0K	20.9K
Mine Components	0.1K	0.2K	0.1K	5.0K	15.0K	10.0K
Other - Calibration	25.3K	150.0K	124.7K	129.6K	250.0K	120.4K
Total	27.6K	155.7K	128.1K	158.7K	310.0K	151.3K

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

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Activity: 00109

4. Maintenance and Testing, continued

Table 4.15.g: PREDICTED WORKLOAD VARIANCE FOR FY 2001 (R)

FY 2001 Commodity Type	Product (units)			DLMHs		
	Predicted Workload	Potential Workload	Variance	Predicted Workload	Potential Workload	Variance
Ordnance	2.2K	13.0K	10.8K	17.2K	96.8K	79.6K
Mine Components	0.1K	0.2K	0.1K	5.0K	15.0K	10.0K
Other - Calibration	25.3K	150.0K	124.7K	129.6K	250.0K	120.4K
Total	27.6K	163.2K	135.6K	151.8K	361.8K	210.0K

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

NOTE: Table revised 12 SEP 94.

NOTE: Commodity Type "Other". Section 4.10 through 4.15 relate to calibration of test equipment used in conjunction with the maintenance and testing of weapon systems, fleet RADIAC equipment, shipboard gauge and electronic test equipment.

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4. **Maintenance and Testing, continued**Table 4.15.g: **PREDICTED WORKLOAD VARIANCE FOR FY 2001**

Commodity Type <i>FY 2001</i>	Product (units)			DLMHs		
	Predicted Workload	Potential Workload	Variance	Predicted Workload	Potential Workload	Variance
Ordnance	2.2K	5.5K	3.3K	17.2K	45.0K	27.8K
Mine Components	0.1K	0.2K	0.1K	5.0K	15.0K	10.0K
Other - Calibration	25.3K	150.0K	124.7K	129.6K	250.0K	120.4K
Total	27.6K	155.7K	128.1K	151.8K	310.0K	158.2K

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

NOTE: Commodity Type "Other". Section 4.10 through 4.15 relate to calibration of test equipment used in conjunction with the maintenance and testing of weapon systems, fleet RADIAC equipment, shipboard gauge and electronic test equipment.

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 - Revised** ←

Ordnance Type	Units Throughput							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Mines	493	319	674	653	519	490	422	135
Torpedoes	132	70	67	182	97	233	456	296
Air Launched Threat	178	219	85	115	99	26	0	195
Surface Launched Threat	692	3	139	423	460	0	0	253
Other Threat	NA	NA	NA	NA	NA	NA	NA	NA
Expendables	NA	NA	NA	NA	NA	NA	NA	NA
INERT	NA	NA	NA	NA	NA	NA	NA	NA
CADs/PADs	NA	NA	NA	NA	NA	NA	NA	NA
Strategic Nuclear	*	*	*	*	*	*	*	*
Tactical Nuclear	*	*	*	*	*	*	*	*
LOE: Rockets	NA	NA	NA	NA	NA	NA	NA	NA
LOE: Bombs	NA	NA	NA	NA	NA	NA	NA	NA
LOE: Gun Ammo (20mm-16")	NA	NA	NA	NA	NA	NA	NA	NA
LOE: Small Arms (up to 50 cal.)	NA	NA	NA	NA	NA	NA	NA	NA
LOE: Pyro/Demo	NA	NA	NA	NA	NA	NA	NA	NA
Grenades / Mortars / Projectiles	NA	NA	NA	NA	NA	NA	NA	NA
Other (specify)AN/SSQ-110	NA	NA	NA	NA	NA	NA	NA	3854

NOTE: Table revised 17JUN94 to insert NA into each blank cell. No data revised. ←

*NOTE: Classified data reported separately.

5. Manufacturing Workload, continued

Table 5.1.b: Historic and Predicted Manufacturing Workload - Revised

Ordnance Type	Units Throughput							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mines	NA	NA	NA	NA	NA	NA	NA	NA
Torpedoes	153	NA	NA	NA	NA	NA	NA	NA
Air Launched Threat	NA	NA	NA	NA	NA	NA	NA	NA
Surface Launched Threat	499	NA	NA	NA	NA	NA	NA	NA
Other Threat	NA	NA	NA	NA	NA	NA	NA	NA
Expendables	NA	NA	NA	NA	NA	NA	NA	NA
INERT	NA	NA	NA	NA	NA	NA	NA	NA
CADs/PADs	NA	NA	NA	NA	NA	NA	NA	NA
Strategic Nuclear	*	*	*	*	*	*	*	*
Tactical Nuclear	*	*	*	*	*	*	*	*
LOE: Rockets	NA	NA	NA	NA	NA	NA	NA	NA
LOE: Bombs	NA	NA	NA	NA	NA	NA	NA	NA
LOE: Gun Ammo (20mm-16")	NA	NA	NA	NA	NA	NA	NA	NA
LOE: Small Arms (up to 50 cal)	NA	NA	NA	NA	NA	NA	NA	NA
LOE: Pyro/Demo	NA	NA	NA	NA	NA	NA	NA	NA
Grenades / Mortars / Projectiles	NA	NA	NA	NA	NA	NA	NA	NA
Other (specify)AN/SSQ-110	7.6K	18.0K	14.5K	NA	NA	NA	NA	NA

NOTE: Table revised 17JUN94 to insert NA into each blank cell. No data revised.

NOTE: The manufacture of explosive loaded mines, torpedo warheads, and missile warheads was completed in 1994 and all explosive loading capability was consolidated at NSWC Indian Head. Inventory objectives for the AN/SSQ-110 Sonobouy will be reached by 1996 and no additional requirements are forecast.

*NOTE: Classified data reported separately.

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Activity: 00109

5. Manufacturing Workload, continued

Table 5.1.c: Historic and Predicted Manufacturing Workload - Revised

Ordnance Type	DLMHs							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Mines	32.5K	18.7K	32.3K	39.2K	35.6K	25.3K	29.1K	9.3K
Torpedoes	6.0K	3.2K	3.0K	8.3K	4.4K	10.6K	20.7K	13.5K
Air Launched Threat	5.9K	7.3K	2.8K	3.8K	3.3K	0.9K	0	6.5K
Surface Launched Threat	23.0K	0.1K	4.6K	14.0K	15.3K	0	0	8.4K
Other Threat	NA							
Expendables	NA							
INERT	NA							
CADs/PADs	NA							
Strategic Nuclear	*	*	*	*	*	*	*	*
Tactical Nuclear	*	*	*	*	*	*	*	*
LOE: Rockets	NA							
LOE: Bombs	NA							
LOE: Gun Ammo (20mm-16")	NA							
LOE: Small Arms (up to 50 cal.)	NA							
LOE: Pyro/Demo	NA							
Grenades / Mortars / Projectiles	NA							
Other (specify)AN/SSQ-110	NA	25.0K						

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NOTE: Table revised 12 SEP 94.

*NOTE: Classified data reported separately.

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5. Manufacturing Workload, continued

Table 5.1.c: Historic and Predicted Manufacturing Workload - Revised

Ordnance Type	DLMHs							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Mines	32.6K	18.8K	32.4K	39.3K	35.8K	25.3K	29.1K	9.3K
Torpedoes	6.0K	3.2K	3.1K	8.3K	4.5K	10.6K	20.8K	13.5K
Air Launched Threat	6.0K	7.3K	2.9K	3.9K	0.4K	0.9K	0	6.5K
Surface Launched Threat	2.1K	0.1K	4.7K	14.1K	15.3K	0	0	8.5K
Other Threat	NA							
Expendables	NA							
INERT	NA							
CADs/PADs	NA							
Strategic Nuclear	*	*	*	*	*	*	*	*
Tactical Nuclear	*	*	*	*	*	*	*	*
LOE: Rockets	NA							
LOE: Bombs	NA							
LOE: Gun Ammo (20mm-16")	NA							
LOE: Small Arms (up to 50 cal.)	NA							
LOE: Pyro/Demo	NA							
Grenades / Mortars / Projectiles	NA							
Other (specify)AN/SSQ-110	NA	23.0K						

NOTE: Table revised 17JUN94 to insert NA into each blank cell. No data revised.

*NOTE: Classified data reported separately.

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5. Manufacturing Workload, continued

Table 5.1.d: Historic and Predicted Manufacturing Workload - Revised

Ordnance Type	DLMHs							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mines	NA							
Torpedoes	7.0K	NA						
Air Launched Threat	NA							
Surface Launched Threat	16.6K	NA						
Other Threat	NA							
Expendables	NA							
INERT	NA							
CADs/PADs	NA							
Strategic Nuclear	*	*	*	*	*	*	*	*
Tactical Nuclear	*	*	*	*	*	*	*	*
LOE: Rockets	NA							
LOE: Bombs	NA							
LOE: Gun Ammo (20mm-16")	NA							
LOE: Small Arms (up to 50 cal.)	NA							
LOE: Pyro/Demo	NA							
Grenades / Mortars / Projectiles	NA							
Other (specify) AN/SSQ-110	18.0K	36.0K	29.0K	NA	NA	NA	NA	NA

NOTE: Table revised 17JUN94 to insert NA into each blank cell. No data revised.

*NOTE: Classified data reported separately

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5. Manufacturing Workload, continued

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

Ordnance Type	DLMHs							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mines	NA							
Torpedoes	7.0K	NA						
Air Launched Threat	NA							
Surface Launched Threat	16.6K	NA						
Other Threat	NA							
Expendables	NA							
INERT	NA							
CADs/PADs	NA							
Strategic Nuclear	*	*	*	*	*	*	*	*
Tactical Nuclear	*	*	*	*	*	*	*	*
LOE: Rockets	NA							
LOE: Bombs	NA							
LOE: Gun Ammo (20mm-16")	NA							
LOE: Small Arms (up to 50 cal.)	NA							
LOE: Pyro/Demo	NA							
Grenades / Mortars / Projectiles	NA							
Other (specify) AN/SSQ-110	18.0K	36.0K	29.0K	NA	NA	NA	NA	NA

NOTE: Table revised 17JUN94 to insert NA into each blank cell. No data revised.

*NOTE: Classified data reported separately

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 - Revised

Ordnance Type	Units Throughput						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mines	NA	NA	NA	NA	NA	NA	NA
Torpedoes	NA	NA	NA	NA	NA	NA	NA
Air Launched Threat	NA	NA	NA	NA	NA	NA	NA
Surface Launched Threat	NA	NA	NA	NA	NA	NA	NA
Other Threat	NA	NA	NA	NA	NA	NA	NA
Expendables	NA	NA	NA	NA	NA	NA	NA
INERT	NA	NA	NA	NA	NA	NA	NA
CADs/PADs	NA	NA	NA	NA	NA	NA	NA
Strategic Nuclear	*	*	*	*	*	*	*
Tactical Nuclear	*	*	*	*	*	*	*
LOE: Rockets	NA	NA	NA	NA	NA	NA	NA
LOE: Bombs	NA	NA	NA	NA	NA	NA	NA
LOE: Gun Ammo (20mm-16")	NA	NA	NA	NA	NA	NA	NA
LOE: Small Arms (up to 50 cal)	NA	NA	NA	NA	NA	NA	NA
LOE: Pyro/Demo	NA	NA	NA	NA	NA	NA	NA
Grenades / Mortars / Projectiles	NA	NA	NA	NA	NA	NA	NA
Other AN/SSQ-100	12.0K	10.1K	0K	0K	0K	0K	0K

NOTE: Table revised 17JUN94 to insert NA into each blank cell. Other AN/SSQ-100 data revised 16NOV94.

NOTE: As the explosive loading capability has been discontinued at Yorktown and all explosive loading consolidated at NSWC Indian Head, no potential manufacturing workload is projected.

*NOTE: Classified data reported separately.

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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 - Revised

Ordnance Type	Units Throughput						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mines	NA	NA	NA	NA	NA	NA	NA
Torpedoes	NA	NA	NA	NA	NA	NA	NA
Air Launched Threat	NA	NA	NA	NA	NA	NA	NA
Surface Launched Threat	NA	NA	NA	NA	NA	NA	NA
Other Threat	NA	NA	NA	NA	NA	NA	NA
Expendables	NA	NA	NA	NA	NA	NA	NA
INERT	NA	NA	NA	NA	NA	NA	NA
CADs/PADs	NA	NA	NA	NA	NA	NA	NA
Strategic Nuclear	*	*	*	*	*	*	*
Tactical Nuclear	*	*	*	*	*	*	*
LOE: Rockets	NA	NA	NA	NA	NA	NA	NA
LOE: Bombs	NA	NA	NA	NA	NA	NA	NA
LOE: Gun Ammo (20mm-16")	NA	NA	NA	NA	NA	NA	NA
LOE: Small Arms (up to 50 cal)	NA	NA	NA	NA	NA	NA	NA
LOE: Pyro/Demo	NA	NA	NA	NA	NA	NA	NA
Grenades / Mortars / Projectiles	NA	NA	NA	NA	NA	NA	NA
Other AN/SSQ-100	18K	18K	18K	18K	18K	18K	18K

NOTE: Table revised 17JUN94 to insert NA into each blank cell. No data revised. ←

NOTE: As the explosive loading capability has been discontinued at Yorktown and all explosive loading consolidated at NSWC Indian Head, no potential manufacturing workload is projected.

*NOTE: Classified data reported separately.

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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 - Revised**

Ordnance Type	Units Throughput						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mines	NA	NA	NA	NA	NA	NA	NA
Torpedoes	NA	NA	NA	NA	NA	NA	NA
Air Launched Threat	NA	NA	NA	NA	NA	NA	NA
Surface Launched Threat	NA	NA	NA	NA	NA	NA	NA
Other Threat	NA	NA	NA	NA	NA	NA	NA
Expendables	NA	NA	NA	NA	NA	NA	NA
INERT	NA	NA	NA	NA	NA	NA	NA
CADs/PADs	NA	NA	NA	NA	NA	NA	NA
Strategic Nuclear	*	*	*	*	*	*	*
Tactical Nuclear	*	*	*	*	*	*	*
LOE: Rockets	NA	NA	NA	NA	NA	NA	NA
LOE: Bombs	NA	NA	NA	NA	NA	NA	NA
LOE: Gun Ammo (20mm-16")	NA	NA	NA	NA	NA	NA	NA
LOE: Small Arms (up to 50 cal)	NA	NA	NA	NA	NA	NA	NA
LOE: Pyro/Demo	NA	NA	NA	NA	NA	NA	NA
Grenades / Mortars / Projectiles	NA	NA	NA	NA	NA	NA	NA
Other AN/SSQ-100	18K	18K	18K	18K	18K	18K	18K

NOTE: Table revised 17JUN94 to insert NA into each blank cell. No data revised.

NOTE: As the explosive loading capability has been discontinued at Yorktown and all explosive loading consolidated at NSWC Indian Head, no potential manufacturing workload is projected.

*NOTE: Classified data reported separately.

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5. Manufacturing Workload, continued

Table 5.2.b: Maximum Potential Manufacturing Workload - Revised

Ordnance Type	DLMHs						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mines	NA						
Torpedoes	NA						
Air Launched Threat	NA						
Surface Launched Threat	NA						
Other Threat	NA						
Expendables	NA						
INERT	NA						
CADs/PADs	NA						
Strategic Nuclear	*	*	*	*	*	*	*
Tactical Nuclear	*	*	*	*	*	*	*
LOE: Rockets	NA						
LOE: Bombs	NA						
LOE: Gun Ammo (20mm-16")	NA						
LOE: Small Arms (up to 50 cal)	NA						
LOE: Pyro/Demo	NA						
Grenades / Mortars / Projectiles	NA						
Other AN/SSQ-110	27.7K	23.3K	OK	OK	OK	OK	OK

NOTE: Table revised 17JUN94 to insert NA into each blank cell. Other AN/SSQ-110 data revised 16NOV94.

*NOTE: Classified data reported separately.

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5. Manufacturing Workload, continued

Table 5.2.b: Maximum Potential Manufacturing Workload - Revised

Ordnance Type	DLMHs						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mines	NA						
Torpedoes	NA						
Air Launched Threat	NA						
Surface Launched Threat	NA						
Other Threat	NA						
Expendables	NA						
INERT	NA						
CADs/PADs	NA						
Strategic Nuclear	*	*	*	*	*	*	*
Tactical Nuclear	*	*	*	*	*	*	*
LOE: Rockets	NA						
LOE: Bombs	NA						
LOE: Gun Ammo (20mm-16")	NA						
LOE: Small Arms (up to 50 cal)	NA						
LOE: Pyro/Demo	NA						
Grenades / Mortars / Projectiles	NA						
Other AN/SSQ-110	36.0K						

NOTE: Table revised 17JUN94 to insert NA into each blank cell. No data revised. ←

*NOTE: Classified data reported separately.

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5. **Manufacturing Workload, continued**Table 5.2.b: **Maximum Potential Manufacturing Workload - Revised**

Ordnance Type	DLMHs						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mines	NA						
Torpedoes	NA						
Air Launched Threat	NA						
Surface Launched Threat	NA						
Other Threat	NA						
Expendables	NA						
INERT	NA						
CADs/PADs	NA						
Strategic Nuclear	*	*	*	*	*	*	*
Tactical Nuclear	*	*	*	*	*	*	*
LOE: Rockets	NA						
LOE: Bombs	NA						
LOE: Gun Ammo (20mm-16")	NA						
LOE: Small Arms (up to 50 cal)	NA						
LOE: Pyro/Demo	NA						
Grenades / Mortars / Projectiles	NA						
Other AN/SSQ-110	36.0K						

NOTE: Table revised 17JUN94 to insert NA into each blank cell. No data revised.

*NOTE: Classified data reported separately.

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Activity: 00109

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.

Calculations based on historical data and funding expenditures.

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?

None.

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

No future workload.

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.)?

No future workload.

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.

Calculations based on historical data and funding expenditures.

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?

None.

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

No future workload.

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.)?

No future workload.

R

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
Mines	0	No future workload	None	None
Torpedos	0	No future workload	None	None
Air Launched Threat	0	No future workload	None	None
Surface Launched Threat	0	No future workload	None	None
AN/SSQ-110	12,040	None	None	18,000

R 11/16/94

R 11/16/94

R 11/16/94

R 11/16/94

R 11/16/94

Additional Comments: New production rate for AN/SSQ-110 can be reached in present facilities without additional Industrial Plant equipment. No plans have been developed for additional production capability as present rate exceeds customer's requirements.

NOTE: Table data revised 16NOV94. Production of Mines, Torpedoes, Air Launched Threat was completed by Jan 1994.

R 11/16/94

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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
Mines	135	No future workload	None	None
Torpedos	296	No future workload	None	None
Air Launched Threat	195	No future workload	None	None
Surface Launched Threat	253	No future workload	None	None
AN/SSQ-110	7620	None	None	18,000

Additional Comments: New production rate for AN/SSQ-110 can be reached in present facilities without additional Industrial Plant equipment. No plans have been developed for additional production capability as present rate exceeds customer's requirements.

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
Mines	135	No future workload	None	None
Torpedos	296	No future workload	None	None
Air Launched Threat	195	No future workload	None	None
Surface Launched Threat	253	No future workload	None	None
AN/SSQ-110	7620	None	None	18,000

Additional Comments: New production rate for AN/SSQ-110 can be reached in present facilities without additional Industrial Plant equipment. No plans have been developed for additional production capability as present rate exceeds customer's requirements.

Mission Area**6. In-Service Engineering Workload - NOT APPLICABLE**

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								
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)								

NOTE: Sections 6.1 through 6.7 not applicable

6. In-Service Engineering Workload, continued - NOT APPLICABLE**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								
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- NOT APPLICABLE

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							
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 - NOT APPLICABLE

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.

NA

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?

NA

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?

NA

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.)?

NA

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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 Tables 7.1.a-b using the product mix as executed and programmed to be executed.

Table 7.1.a: Historic and Predicted Technical Support - Revised

Program Element	Throughput (DLMHs)							
	FY 1986	FY 1987	FY 1989	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Mines	NA	NA	NA	NA	NA	NA	NA	NA
Torpedoes	NA	NA	NA	NA	NA	NA	NA	NA
Air Launched Threat	0	0	0	0	0	0	38.8K	38.8K
Surface Launched Threat	NA	NA	NA	NA	NA	NA	NA	NA
Other Threat	NA	NA	NA	NA	NA	NA	NA	NA
Expendables *	0	0	0	0	11.4K	24.3K	25.3K	27.5K
INERT	NA	NA	NA	NA	NA	NA	NA	NA
CADs/PADs	NA	NA	NA	NA	NA	NA	NA	NA
Strategic Nuclear	**	**	**	**	**	**	**	**
Tactical Nuclear	**	**	**	**	**	**	**	**
LOE: Rockets	NA	NA	NA	NA	NA	NA	NA	NA
LOE: Bombs	NA	NA	NA	NA	NA	NA	NA	NA
LOE: Gun Ammo (20mm-16")	NA	NA	NA	NA	NA	NA	NA	NA
LOE: Small Arms (up to 50 cal.)	NA	NA	NA	NA	NA	NA	NA	NA
LOE: Pyro/Demo	NA	NA	NA	NA	NA	NA	NA	NA
Grenades / Mortars / Projectiles	NA	NA	NA	NA	NA	NA	NA	NA
Other (specify) ***	10.6K	7.6K	6.0K	11.4K	5.5K	0	0	0

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NOTE: Table revised 12 SEP 94.

*NOTE: SUS, AN/SSQ-110, EER, Guilderfish, Overture Impala;

**NOTE: Classified data reported separately.

***NOTE: Individual equipment

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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 Tables 7.1.a-b using the product mix as executed and programmed to be executed.

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

Program Element	Throughput (DLMHs)							
	FY 1986	FY 1987	FY 1989	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Mines	NA	NA	NA	NA	NA	NA	NA	NA
Torpedoes	NA	NA	NA	NA	NA	NA	NA	NA
Air Launched Threat	NA	NA	NA	NA	NA	NA	NA	NA
Surface Launched Threat	37.0K	37.1K	44.4K	49.6K	61.9K	64.4K	99.3K	81.7K
Other Threat	NA	NA	NA	NA	NA	NA	NA	NA
Expendables *	0	0	0	0	11.4K	24.3K	25.3K	27.5K
INERT	NA	NA	NA	NA	NA	NA	NA	NA
CADs/PADs	NA	NA	NA	NA	NA	NA	NA	NA
Strategic Nuclear	**	**	**	**	**	**	**	**
Tactical Nuclear	**	**	**	**	**	**	**	**
LOE: Rockets	NA	NA	NA	NA	NA	NA	NA	NA
LOE: Bombs	NA	NA	NA	NA	NA	NA	NA	NA
LOE: Gun Ammo (20mm-16")	NA	NA	NA	NA	NA	NA	NA	NA
LOE: Small Arms (up to 50 cal.)	NA	NA	NA	NA	NA	NA	NA	NA
LOE: Pyro/Demo	NA	NA	NA	NA	NA	NA	NA	NA
Grenades / Mortars / Projectiles	NA	NA	NA	NA	NA	NA	NA	NA
Other (specify) ***	10.6K	7.6K	6.0K	11.4K	5.5K	0	0	0

NOTE: Table revised 17JUN94 to insert NA into each blank cell. No data revised.

*NOTE: SUS, AN/SSQ-110, EER, Guilderfish, Overture Impala;

**NOTE: Classified data reported separately.

***NOTE: Individual equipment

7. Technical Support, continued

Table 7.1.b: Historic and Predicted Technical Support - Revised

Program Element	Throughput (DLMHs)							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mines	NA	NA	NA	NA	NA	NA	NA	NA
Torpedoes	NA	NA	NA	NA	NA	NA	NA	NA
Air Launched Threat	82.5K	67.8K	64.7K	64.7K	64.7K	64.7K	64.7K	64.7K
Surface Launched Threat	NA	NA	NA	NA	NA	NA	NA	NA
Other Threat	NA	NA	NA	NA	NA	NA	NA	NA
Expendables *	29.1K	25.7K	20.9K	21.9K	19.2K	19.2K	19.2K	19.2K
INERT	NA	NA	NA	NA	NA	NA	NA	NA
CADs/PADs	NA	NA	NA	NA	NA	NA	NA	NA
Strategic Nuclear	**	**	**	**	**	**	**	**
Tactical Nuclear	**	**	**	**	**	**	**	**
LOE: Rockets	NA	NA	NA	NA	NA	NA	NA	NA
LOE: Bombs	NA	NA	NA	NA	NA	NA	NA	NA
LOE: Gun Ammo (20mm-16")	NA	NA	NA	NA	NA	NA	NA	NA
LOE: Small Arms (up to 50 cal.)	NA	NA	NA	NA	NA	NA	NA	NA
LOE: Pyro/Demo	NA	NA	NA	NA	NA	NA	NA	NA
Grenades / Mortars / Projectiles	NA	NA	NA	NA	NA	NA	NA	NA
Other (specify)	NA	NA	NA	NA	NA	NA	NA	NA

NOTE: Table revised 17JUN94 to insert NA into each blank cell.

NOTE: Table (Expendables data) revised 10 Nov 94.

*NOTE: SUS, AN/SSQ-110, EER, Guilderfish, Overture Impala

**NOTE: Classified data reported separately.

*R 11/10/94**R 11/10/94*

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Activity: 00109

7. Technical Support, continued

Table 7.1.b: Historic and Predicted Technical Support - Revised

Program Element	Throughput (DLMHs)							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mines	NA	NA	NA	NA	NA	NA	NA	NA
Torpedoes	NA	NA	NA	NA	NA	NA	NA	NA
Air Launched Threat	82.5K	67.8K	64.7K	64.7K	64.7K	64.7K	64.7K	64.7K
Surface Launched Threat	NA	NA	NA	NA	NA	NA	NA	NA
Other Threat	NA	NA	NA	NA	NA	NA	NA	NA
Expendables *	27.4K	24.0K	24.0K	24.0K	24.0K	24.0K	24.0K	24.0K
INERT	NA	NA	NA	NA	NA	NA	NA	NA
CADs/PADs	NA	NA	NA	NA	NA	NA	NA	NA
Strategic Nuclear	**	**	**	**	**	**	**	**
Tactical Nuclear	**	**	**	**	**	**	**	**
LOE: Rockets	NA	NA	NA	NA	NA	NA	NA	NA
LOE: Bombs	NA	NA	NA	NA	NA	NA	NA	NA
LOE: Gun Ammo (20mm-16")	NA	NA	NA	NA	NA	NA	NA	NA
LOE: Small Arms (up to 50 cal.)	NA	NA	NA	NA	NA	NA	NA	NA
LOE: Pyro/Demo	NA	NA	NA	NA	NA	NA	NA	NA
Grenades / Mortars / Projectiles	NA	NA	NA	NA	NA	NA	NA	NA
Other (specify)	NA	NA	NA	NA	NA	NA	NA	NA

NOTE: Table revised 17JUN94 to insert NA into each blank cell. No data revised.

*NOTE: SUS, AN/SSQ-110, EER, Guilderfish, Overture Impala

**NOTE: Classified data reported separately.

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7. **Technical Support, continued**Table 7.1.b: **Historic and Predicted Technical Support - Revised**

Program Element	Throughput (DLMHs)							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mines	NA	NA	NA	NA	NA	NA	NA	NA
Torpedoes	NA	NA	NA	NA	NA	NA	NA	NA
Air Launched Threat	82.5K	67.8K	64.7K	64.7K	64.7K	64.7K	64.7K	64.7K
Surface Launched Threat	NA	NA	NA	NA	NA	NA	NA	NA
Other Threat	NA	NA	NA	NA	NA	NA	NA	NA
Expendables *	27.4K	24.0K	24.0K	24.0K	24.0K	24.0K	24.0K	24.0K
INERT	NA	NA	NA	NA	NA	NA	NA	NA
CADs/PADs	NA	NA	NA	NA	NA	NA	NA	NA
Strategic Nuclear	**	**	**	**	**	**	**	**
Tactical Nuclear	**	**	**	**	**	**	**	**
LOE: Rockets	NA	NA	NA	NA	NA	NA	NA	NA
LOE: Bombs	NA	NA	NA	NA	NA	NA	NA	NA
LOE: Gun Ammo (20mm-16")	NA	NA	NA	NA	NA	NA	NA	NA
LOE: Small Arms (up to 50 cal.)	NA	NA	NA	NA	NA	NA	NA	NA
LOE: Pyro/Demo	NA	NA	NA	NA	NA	NA	NA	NA
Grenades / Mortars / Projectiles	NA	NA	NA	NA	NA	NA	NA	NA
Other (specify)	NA	NA	NA	NA	NA	NA	NA	NA

NOTE: Table revised 17JUN94 to insert NA into each blank cell. No data revised.

*NOTE: SUS, AN/SSQ-110, EER, Guilderfish, Overture Impala

**NOTE: Classified data reported separately.

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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 - Revised

Program Element	DLMHs						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mines	NA						
Torpedoes	NA						
Air Launched Threat	127.8K	122.3K	122.3K	122.3K	122.3K	122.3K	122.3K
Surface Launched Threat	NA						
Other Threat	NA						
Expendables *	36.0K						
INERT	NA						
CADs/PADs	NA						
Strategic Nuclear	**	**	**	**	**	**	**
Tactical Nuclear	**	**	**	**	**	**	**
LOE: Rockets	NA						
LOE: Bombs	NA						
LOE: Gun Ammo (20mm-16")	NA						
LOE: Small Arms (up to 50 cal.)	NA						
LOE: Pyro/Demo	NA						
Grenades / Mortars / Projectiles	NA						
Other (specify)	NA						

NOTE: Table revised 17JUN94 to insert NA into each blank cell. No data revised. ←

*NOTE: SUS, AN/SSQ-110, EER, Guilderfish, Overture Impala

**NOTE: Classified data reported separately.

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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 - Revised**

Program Element	DLMHs						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mines	NA						
Torpedoes	NA						
Air Launched Threat	127.8K	122.3K	122.3K	122.3K	122.3K	122.3K	122.3K
Surface Launched Threat	NA						
Other Threat	NA						
Expendables *	36.0K						
INERT	NA						
CADs/PADs	NA						
Strategic Nuclear	**	**	**	**	**	**	**
Tactical Nuclear	**	**	**	**	**	**	**
LOE: Rockets	NA						
LOE: Bombs	NA						
LOE: Gun Ammo (20mm-16")	NA						
LOE: Small Arms (up to 50 cal.)	NA						
LOE: Pyro/Demo	NA						
Grenades / Mortars / Projectiles	NA						
Other (specify)	NA						

NOTE: Table revised 17JUN94 to insert NA into each blank cell. No data revised.

*NOTE: SUS, AN/SSQ-110, EER, Guilderfish, Overture Impala

**NOTE: Classified data reported separately.

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.

Calculations are based on double the workforce to reach maximum potential which would result in another shift due to building space limitations.

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?

None.

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

Building floor space is limited. Another shift would be required.

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.)?

No.

Activity: 00109

Activity: 00109

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

Table 8.1: **Stowage Facility Conditions**

Site/Magazine Type: Yorktown/RDT&E Storage Lab Building (31915)

Facility Number	Condition		Environment Controls (Y/N)	Currently In Use? (Y/N)	Type of Ordnance Stowed	Reason for Stowage
	A/I/S	KSF				
126	A	1.000	N	Y	WARHEADS	Operational Use
127	A	1.000	N	Y	SMOKE POTS	RSS&I
383	A	.080	N	Y	BULK EXPLOSIVES	Operational Use
384	A	.080	N	Y	BULK EXPLOSIVES	Operational Use
458	A	.140	N	Y	BULK EXPLOSIVES	Operational Use
525	S	.016	N	Y	BULK EXPLOSIVES	Operational Use

Additional Comments:

8. **Stowage Facilities, continued**Table 8.1: **Stowage Facility Conditions**Site/Magazine Type: Yorktown/RDT&E Storage Lab Building (31915)

Facility Number	Condition		Environment Controls (Y/N)	Currently In Use? (Y/N)	Type of Ordnance Stowed	Reason for Stowage
	A/I/S	KSF				
646	A	.016	N	Y	FUZES	Operational Use
647	A	.016	N	Y	BULK EXPLOSIVES	Operational Use
648	A	.016	N	Y	BULK EXPLOSIVES	Operational Use
649	A	.016	N	Y	BULK EXPLOSIVES	Operational Use
650	A	.016	N	Y	BULK EXPLOSIVES	Operational Use
651	A	.016	N	Y	BULK EXPLOSIVES	Operational Use
652	A	.140	N	Y	BULK EXPLOSIVES	Operational Use
653	A	.140	N	Y	BULK EXPLOSIVES	Operational Use
654	A	.140	N	Y	BULK EXPLOSIVES	Operational Use
655	A	.140	N	Y	BULK EXPLOSIVES	Operational Use
F3	A	.500	N	Y	BOOSTERS, CHARGES	Operational Use
F4	A	.500	N	Y	BOOSTERS, CHARGES	Operational Use

8. **Stowage Facilities, continued**Table 8.1: **Stowage Facility Conditions**Site/Magazine Type: Yorktown/Fuze & Det Magazine (42112)

Facility Number	Condition		Environment Controls (Y/N)	Currently In Use? (Y/N)	Type of Ordnance Stowed	Reason for Stowage
	A/I/S	KSF				
21	A	4.200	N	Y	ROCKET MOTORS	Operational Use
23	A	4.200	N	Y	FUZES, S&A	Operational Use
260	A	.500	N	Y	DEMOLITION	Operational Use
261	A	.500	N	Y	FUZES, SIGNALS	Operational Use
262	A	.500	N	Y	FUZES, PRIMERS	Operational Use
263	A	.500	N	Y	BOMB FUZE DELAY	Operational Use
264	A	.500	N	Y	BLASTING CAP	Operational Use
265	A	.500	N	Y	FUZES	Operational Use
266	A	.500	N	Y	FUZES, IGNITERS	Operational Use
267	A	.500	N	Y	EXPLOSIVE FITTINGS	Operational Use
268	A	.500	N	Y	DETONATING CORD	Operational Use
269	A	.500	N	Y	FUZES, IGNITERS	Operational Use

Activity: 00109

Additional Comments:

8. **Stowage Facilities, continued**Table 8.1: **Stowage Facility Conditions**Site/Magazine Type: Yorktown/Fuze & Det Magazine (42112)

Facility Number	Condition		Environment Controls (Y/N)	Currently In Use? (Y/N)	Type of Ordnance Stowed	Reason for Stowage
	A/I/S	KSF				
27	A	4.200	N	Y	81MM & 155MM PROJECTILE	RSS&I
29	A	4.200	N	Y	ROCKET MOTORS	Operational Use
30	A	4.200	N	N	EMPTY	Under Repair
510	A	.140	N	Y	CADS	RSS&I
90	A	.140	N	Y	FUZES, PRIMERS	Operational Use
91	A	.140	N	Y	CADS	RSS&I
95	A	.070	N	Y	SMALL ARMS	RSS&I
96	A	.070	N	N	EMPTY	Under Repair
F1	A	.500	N	Y	FUZESRS	Operational Use
F2	A	.500	N	Y	BOOSTERS, CHARGES	Operational Use
F5	A	.500	N	Y	FUZES, DETONATORS	Operational Use

Additional Comments:

8. Stowage Facilities, continued

Table 8.1: Stowage Facility Conditions

Site/Magazine Type: Yorktown/High Explosive Magazine (42122)

Facility Number	Condition		Environment Controls (Y/N)	Currently In Use? (Y/N)	Type of Ordnance Stowed	Reason for Stowage
	A/I/S	KSF				
112	A	1.000	N	Y	81MM, 105MM, 155MM	RSS&I
113	A	1.000	N	Y	SIGNALS, DETONATORS	RSS&I
114	A	1.000	N	Y	GUN AMMUNITION	RSS&I
115	A	1.000	N	Y	5" PROJECTILES	RSS&I
116	A	1.000	N	Y	81MM	RSS&I
117	A	1.000	N	Y	NITRO PLASTICIZER	Operational Use
121	A	1.000	N	Y	20MM, 40MM	RSS&I
1217	A	2.000	N	Y	BOMBS	RSS&I
1218	A	2.000	N	N	EMPTY	Under Repair
1219	A	2.000	N	Y	BOMBS	RSS&I
122	A	1.000	N	Y	5" PROJECTILES	RSS&I
1220	A	2.000	N	Y	40MM	RSS&I
1221	A	2.000	N	Y	BOMBS	RSS&I
1222	A	2.000	N	Y	30MM, 40MM	RSS&I

Additional Comments:

8. **Stowage Facilities, continued**

Table 8.1: Stowage Facility Conditions

Site/Magazine Type: Yorktown/High Explosive Magazine (42122)

Facility Number	Condition		Environment Controls (Y/N)	Currently In Use? (Y/N)	Type of Ordnance Stowed	Reason for Stowage
	A/I/S	KSF				
1223	A	2.000	N	Y	WP	RSS&I
123	A	1.000	N	Y	BULK EXPLOSIVES	Operational Use
124	A	1.000	N	Y	BULK EXPLOSIVES	Operational Use
125	A	1.000	N	Y	PYROTECHNIC	RSS&I
131	A	1.000	N	Y	UNDERWATER SOUND SIGNAL	RSS&I
132	A	1.000	N	Y	BOMB FUZES	RSS&I
133	A	1.000	N	Y	WARHEADS	Operational Use
134	A	1.000	N	Y	60MM GUN	RSS&I
135	A	1.000	N	Y	MINE	RSS&I
1352	A	2.000	N	Y	WARHEADS	Operational Use
1353	A	2.000	N	Y	BOMBS	RSS&I
1354	A	2.000	N	Y	DEMOLITION	RSS&I
1355	A	2.000	N	Y	5" PROJECTILES	RSS&I
1356	A	2.000	N	Y	5" PROJECTILES	RSS&I

Additional Comments:

8. **Stowage Facilities, continued**

Table 8.1: Stowage Facility Conditions

Site/Magazine Type: Yorktown/High Explosive Magazine (42122)

Facility Number	Condition		Environment Controls (Y/N)	Currently In Use? (Y/N)	Type of Ordnance Stowed	Reason for Stowage
	A/I/S	KSF				
1357	A	2.000	N	Y	WATER ACTIVATED PYRO	RSS&I
1358	A	2.000	N	Y	PYROTECHNIC	RSS&I
1359	A	2.000	N	Y	ROCKET MOTORS	Operational Use
136	A	1.000	N	Y	WARHEAD	Operational Use
1360	A	2.000	N	Y	BOMBS	RSS&I
1361	A	2.000	N	Y	SPECIAL PROJECT	Operational Use
1362	A	2.000	N	Y	SPECIAL PROJECT	Operational Use
1363	A	2.000	N	Y	WARHEADS	Operational Use
1364	A	2.000	N	Y	SOUND SIGNAL	RSS&I
1365	A	2.000	N	Y	5" PROPELLANT	RSS&I
1366	A	2.000	N	Y	BULK EXPLOSIVES	Operational Use
137	A	1.000	N	Y	81MM	RSS&I
1370	A	8.211	N	Y	SMALL ARMS	RSS&I
1371	A	8.211	N	Y	SMALL ARMS	RSS&I

Additional Comments:

8. Stowage Facilities, continued

Table 8.1: Stowage Facility Conditions

Site/Magazine Type: Yorktown/High Explosive Magazine (42122)

Facility Number	Condition		Environment Controls (Y/N)	Currently In Use? (Y/N)	Type of Ordnance Stowed	Reason for Stowage
	A / I / S	KSF				
141	A	1.000	N	Y	40MM	RSS&I
142	A	1.000	N	Y	RTD&E EXPLOSIVES	Operational Use
143	A	1.000	N	Y	CHEMICAL	RSS&I
144	A	1.000	N	Y	RTD&E EXPLOSIVES	Operational Use
145	A	1.000	N	Y	SMALL ARMS	Demil
146	A	1.000	N	Y	CHEMICAL	RSS&I
147	A	1.000	N	Y	RTD&E EXPLOSIVES	Operational Use
151	A	1.000	N	Y	60MM GUN	RSS&I
152	A	1.000	N	Y	155MM PROPELLANT	RSS&I
153	A	1.000	N	Y	155MM PROPELLANT	RSS&I
154	A	1.000	N	Y	CADS	DEMIL
155	A	1.000	N	Y	SMALL ARMS	RSS&I
156	A	1.000	N	Y	105MM CARTRIDGES	RSS&I
157	A	1.000	N	Y	5" PROJECTILES	RSS&I

Additional comments:

8. **Stowage Facilities, continued**

Table 8.1: Stowage Facility Conditions

Site/Magazine Type: Yorktown/High Explosive Magazine (42122)

Facility Number	Condition		Environment Controls (Y/N)	Currently In Use? (Y/N)	Type of Ordnance Stowed	Reason for Stowage
	A/I/S	KSF				
1596	A	8.211	N	Y	AIR MISSILES	Operational Use
161	A	1.000	N	Y	WARHEADS	Operational Use
162	A	1.000	N	Y	BULK EXPLOSIVES	Operational Use
163	A	1.000	N	Y	PYROTECHNIC	Demil
164	A	1.000	N	Y	SMALL ARMS	Demil
165	A	1.000	N	Y	PYROTECHNIC	RSS&I
166	A	1.000	N	Y	60 MM CARTRIDGE	RSS&I
167	A	1.000	N	Y	MINES	RSS&I
171	A	1.000	N	Y	81MM GUN	RSS&I
172	A	1.000	N	Y	BULK EXPLOSIVE	Operational Use
173	A	1.000	N	Y	60MM	RSS&I
174	A	1.000	N	Y	5"/54 PROJECTILE	RSS&I
175	A	1.000	N	Y	81MM CARTRIDGE	RSS&I
176	A	1.000	N	Y	PYROTECHNIC	RSS&I

Additional comments:

8. Stowage Facilities, continued

Table 8.1: Stowage Facility Conditions

Site/Magazine Type: Yorktown/High Explosive Magazine (42122)

Facility Number	Condition		Environment Controls (Y/N)	Currently In Use? (Y/N)	Type of Ordnance Stowed	Reason for Stowage
	A/I/S	KSF				
177	A	1.000	N	Y	SMALL ARMS	RSS&I
181	A	1.000	N	Y	AMMUNITION	Demil
182	A	1.000	N	Y	AMMUNITION	Demil
1823	A	8.211	N	Y	CAPTOR MINES	RSS&I
1824	A	4.992	N	Y	CAPTOR MINES	RSS&I
1825	A	8.211	N	Y	TORPEDO	RSS&I
183	A	1.000	N	Y	AMMUNITION	Demil
184	A	1.000	N	Y	155MM GUN	RSS&I
185	A	1.000	N	Y	40MM GUN	RSS&I
186	A	1.000	N	Y	PYROTECHNIC	Demil
187	A	1.000	N	Y	PYROTECHNIC	Demil
1875	A	8.211	N	Y	HARPOON	RSS&I
1876	A	4.992	N	Y	ROCKET MOTORS	Operational Use
1877	A	8.211	N	Y	81MM, 195MM	RSS&I

Additional comments:

8. **Stowage Facilities, continued**

Table 8.1: Stowage Facility Conditions

Site/Magazine Type: Yorktown/High Explosive Magazine (42122)

Facility Number	Condition		Environment Controls (Y/N)	Currently In Use? (Y/N)	Type of Ordnance Stowed	Reason for Stowage
	A/I/S	KSF				
1878	A	4.992	N	Y	HARPOON	RSS&I
1879	A	4.992	N	Y	HARPOON	RSS&I
1880	A	4.992	N	Y	WP	RSS&I
1881	A	8.211	N	Y	5" PROPELLANT	RSS&I
1882	A	4.992	N	Y	WALLEYE	RSS&I
1883	A	4.992	N	Y	HARPOON	RSS&I
1884	A	4.992	N	Y	STANDARD	Operational Use
1885	A	4.992	N	Y	155MM GUN	RSS&I
1886	A	4.992	N	Y	ROCKET MOTORS	Operational Use
191	A	1.000	N	Y	BULK EXPLOSIVES	Operational Use
192	A	1.000	N	Y	40 MM GUN	RSS&I
193	A	1.000	N	Y	WARHEADS	Operational Use
194	A	1.000	N	Y	WARHEADS	Operational Use
195	A	1.000	N	Y	FUZE	RSS&I

Additional comments:

8. Stowage Facilities, continued

Table 8.1: Stowage Facility Conditions

Site/Magazine Type: Yorktown/High Explosive Magazine (42122)

Facility Number	Condition		Environment Controls (Y/N)	Currently In Use? (Y/N)	Type of Ordnance Stowed	Reason for Stowage
	A/I/S	KSF				
196	A	1.000	N	Y	WARHEADS	Operational Use
197	A	1.000	N	Y	WARHEADS	Operational Use
1974	A	8.211	N	Y	TORPEDOES	RSS&I
201	A	1.000	N	Y	5" PROPELLANT	RSS&I
202	A	1.000	N	Y	EMPTY	Under Repair
203	A	1.000	N	Y	CARTRIDGES	RSS&I
204	A	1.000	N		EMPTY	Under Repair
205	A	1.000	N	Y	76MM CARTRIDGES	RSS&I
206	A	1.000	N		EMPTY	Under Repair
207	A	1.000	N	Y	FUSE, MINE	RSS&I
211	A	1.000	N	Y	40MM SMOKE	RSS&I
212	A	1.000	N	Y	WARHEADS	Operational Use

Additional Comments:

8. Stowage Facilities, continued

Table 8.1: Stowage Facility Conditions

Site/Magazine Type: Yorktown/High Explosive Magazine (42122)

Facility Number	Condition		Environment Controls (Y/N)	Currently In Use? (Y/N)	Type of Ordnance Stowed	Reason for Stowage
	A/I/S	KSF				
213	A	1.000	N	Y	WARHEADS, 40MM	RSS&I
214	A	1.000	N	Y	FUZES, S&A	RSS&I
215	A	1.000	N	Y	FUZES	RSS&I
216	A	1.000	N	Y	40MM	RSS&I
217	A	1.000	N	Y	40MM	RSS&I
221	A	2.000	N	Y	FUZES, SIGNALS	RSS&I
222	A	2.000	N	Y	66MM ROCKET	RSS&I
223	A	2.000	N	Y	GRENADE	RSS&I
224	A	2.000	N	Y	DEMOLITION	RSS&I
225	A	2.000	N	Y	CHEMICAL	RSS&I
226	A	2.000	N	Y	DEMOLITION	RSS&I
227	A	2.000	N	Y	WARHEADS	RSS&I
231	A	1.408	N	Y	PROJECTILES	RSS&I
232	A	1.408	N	Y	DEMOLITION	RSS&I

Additional Comments:

8. Stowage Facilities, continued

Table 8.1: Stowage Facility Conditions

Site/Magazine Type: Yorktown/High Explosive Magazine (42122)

Facility Number	Condition		Environment Controls (Y/N)	Currently In Use? (Y/N)	Type of Ordnance Stowed	Reason for Stowage
	A/I/S	KSF				
233	A	1.408	N	Y	WARHEAD SECTIONS	Operational Use
234	A	1.408	N	Y	40MM	RSS&I
235	A	1.408	N	Y	40MM, 60MM	RSS&I
236	A	1.408	N	Y	40MM, 60MM	RSS&I
237	A	1.408	N	Y	105MM	RSS&I
241	A	2.000	N	Y	PROPELLING CHARGES	RSS&I
242	A	2.000	N	Y	RTD&E EXPLOSIVES	Operational Use
243	A	2.000	N	Y	40MM	RSS&I
244	A	2.000	N	Y	76MM CHARGES	RSS&I
245	A	2.000	N	Y	BULK EXPLOSIVES	Operational Use
246	A	2.000	N	Y	SMALL ARMS	RSS&I
247	A	2.000	N	Y	PROPELLING CHARGES	RSS&I
25	A	4.200	N	Y	155MM	RSS&I
250	A	2.000	N	Y	5" CARTRIDGE	RSS&I

Additional Comments:

8. Stowage Facilities, continued

Table 8.1: Stowage Facility Conditions

Site/Magazine Type: Yorktown/High Explosive Magazine (42122)

Facility Number	Condition		Environment Controls (Y/N)	Currently In Use? (Y/N)	Type of Ordnance Stowed	Reason for Stowage
	A/I/S	KSF				
251	A	2.000	N	Y	5" PROJECTILES	RSS&I
252	A	2.000	N	Y	SMALL ARMS	RSS&I
253	A	2.000	N	Y	FUZES	RSS&I
254	A	2.000	N	Y	FUZES	RSS&I
255	A	2.000	N	Y	FUZES	RSS&I
257	A	2.000	N	Y	HARPOON	Operational Use
258	A	2.000	N	Y	SMOKE POTS	RSS&I
259	A	2.000	N	Y	ROCKET MOTORS	Operational Use
26	A	4.200	N	Y	ROCKET MOTORS CHARGES	Operational Use
440	A	7.625	N	Y	G&C UNITS	Operational Use
774	A	2.000	N	Y	DEMOLITION	RSS&I
775	A	2.000	N	Y	66MM	RSS&I
776	A	2.000	N	Y	ROCKETS	RSS&I
777	A	2.000	N	Y	DRAGON, TOW MISSILES	RSS&I

Additional Comments:

8. Stowage Facilities, continued

Table 8.1: Stowage Facility ConditionsSite/Magazine Type: Yorktown/High Explosive Magazine (42122)

Facility Number	Condition		Environment Controls (Y/N)	Currently In Use? (Y/N)	Type of Ordnance Stowed	Reason for Stowage
	A/I/S	KSF				
778	A	2.000	N	Y	DEMOLITION	RSS&I
779	A	2.000	N	Y	DRAGON, TOW MISSILES	RSS&I
780	A	2.000	N	Y	GRENADES	RSS&I

Additional Comments:

8. Stowage Facilities, continued

Table 8.1: Stowage Facility Conditions - Revised

Site/Magazine Type: Yorktown/Inert Storage (42132)

Facility Number	Condition		Environment Controls (Y/N)	Currently In Use? (Y/N)	Type of Ordnance Stowed	Reason for Stowage
	A/I/S	KSF				
6	S	8.72	N	N	NA	NA
24	IA	0	N	N	NA	NA
101	A	.5	N	N	NA	NA
178	A	6.6	N	Y	MINE	Operational Use
404	A	9.18	N	Y	MISC INERT	Operational Use
405	A	8.978	N	Y	MISC INERT	Operational Use
407	A	6.936	N	Y	MISC INERT	Operational Use
408	A	6.936	N	Y	MISC INERT MOTORS	Operational Use
409	A	6.936	N	Y	CHEMICAL CHARGES	Operational Use
410	A	6.936	N	Y	MISC INERT	Operational Use
411	A	6.936	N	Y	MISC INERT	DEMIL
412	A	4.087	N	Y	RDT&E INERT	Operational Use
414	A	0	N	N	VACANT	NA
415	A	1.127	N	Y	JP-10 MISSILES	Operational Use

NOTE: Table revised 17JUN94 to insert NA into each blank cell. No data revised.

8. Stowage Facilities, continued

Table 8.1: Stowage Facility Conditions

Site/Magazine Type: Yorktown/Inert Storage (42132)

Facility Number	Condition		Environment Controls (Y/N)	Currently In Use? (Y/N)	Type of Ordnance Stowed	Reason for Stowage
	A/I/S	KSF				
416	S	1.127	N	Y	G&C	Operational Use
417	S	1.127	N	Y	MINE	RSS&I
418	A	1.127	N	Y	MINE	RSS&I
420	A	1.127	N	Y	MINE	RSS&I
479	S	59	N	Y	G&C	FFT
480	S	29.5	N	Y	MISC INERT	RSS&I
481	S	59	N	Y	MISSILE INERT	RSS&I
482	S	59	N	Y	MINE	RSS&I
483	S	59	N	Y	MISSILE INERT	RSS&I
484	A	59	N	Y	TORPEDO INERT	RSS&I
485	A	59	N	Y	BOMB INERT	RSS&I
506	A	7.575	N	Y	ALUMINUM POWDER	Operational Use
541	A	2.375	N	Y	MINE	Operational Use
542	A	2.375	N	Y	MINE	RSS&I

8. Stowage Facilities, continued

Table 8.1: Stowage Facility Conditions - Revised

Site/Magazine Type: Yorktown/Inert Storage (42132)

Facility Number	Condition		Environment Controls (Y/N)	Currently In Use? (Y/N)	Type of Ordnance Stowed	Reason for Stowage
	A/I/S	KSF				
543	A	2.375	N	Y	MINE	RSS&I
544	A	2.375	N	Y	MINE	RSS&I
545	A	2.375	N	Y	MINE	RSS&I
546	A	2.375	N	Y	MINE	RSS&I
547	A	2.375	N	Y	MINE	RSS&I
548	A	2.375	N	Y	MINE	RSS&I
549	A	2.375	N	Y	MINE	RSS&I
550	A	2.375	N	Y	MINE	RSS&I
624	A	.036	N	Y	TORPEDO	RSS&I
788	A	1.5	N	N	VACANT INERT	NA

NOTE: Table revised 17JUN94 to insert NA into each blank cell. No data revised.

8. Stowage Facilities, continued

Table 8.1: Stowage Facility ConditionsSite/Magazine Type: Yorktown/Ready Service Magazine (42135)

Facility Number	Condition		Environment Controls (Y/N)	Currently In Use? (Y/N)	Type of Ordnance Stowed	Reason for Stowage
	A/I/S	KSF				
1908	A	.066	N	Y	FUZES	Operational Use
1909	A	.066	N	Y	FUZES	Operational Use
256	A	2.000	N	Y	INITIATORS	RSS&I

8. Stowage Facilities, continued

Table 8.1: Stowage Facility Conditions

Site/Magazine Type: Yorktown/Small Arms Pyro Magazine (42148)

Facility Number	Condition		Environment Controls (Y/N)	Currently In Use? (Y/N)	Type of Ordnance Stowed	Reason for Stowage
	A/I/S	KSF				
1369	A	8.211	N	N	EMPTY	Under Repair
438	A	.140	N	Y	SMALL ARMS	Operational Use
511	A	.066	N	Y	FUZES	Operational Use
512	A	.066	N	Y	FUZES	Operational Use
513	A	.066	N	Y	FUZES	Operational Use
514	A	.066	N	Y	FUZES	Operational Use
516	A	.066	N	Y	FUZES	Operational Use
517	A	.066	N	Y	FUZES	Operational Use
518	A	.066	N	Y	FUZES	Operational Use
519	A	.066	N	Y	FUZES	Operational Use
760	A	.049	N	Y	SMALL ARMS	Other
761	A	.049	N	Y	SMALL ARMS	Other

Additional Comments: Other stowage for Marine Security Force ammunition.

8. Stowage Facilities, continued

Table 8.1: Stowage Facility Conditions

Site/Magazine Type: Yorktown/Missile Magazine (42172)

Facility Number	Condition		Environment Controls (Y/N)	Currently In Use? (Y/N)	Type of Ordnance Stowed	Reason for Stowage
	A/I/S	KSF				
1367	A	8.211	N	Y	SMALL ARMS	RSS&I
1368	A	8.211	N	Y	SMALL ARMS, CADS	RSS&I
1469	A	7.440	N	Y	STANDARD	Operational Use
1597	A	8.211	N	Y	TORPEDO	RSS&I
1598	A	8.211	Y	Y	STANDARD	RSS&I
1910	A	8.211	N	Y	HARPOON	RSS&I
1911	A	8.211	N	Y	CLUSTER BOMB	RSS&I
1912	A	8.211	N	Y	WALLEYE	RSS&I
1913	A	8.211	N	Y	CLUSTER BOMB	RSS&I
1914	A	8.211	N	Y	MAVERICK	RSS&I
1985	A	4.896	N	Y	TOMAHAWK	RSS&I
1986	A	8.211	N	Y	TOMAHAWK	RSS&I
1988	A	8.000	N	Y	STANDARD	RSS&I
1991	A	4.992	N	Y	AIR MISSILE	RSS&I
1993	A	8.000	N	Y	TOMAHAWK	RSS&I
1994	A	4.800	N	Y	HARPOON	RSS&I

8. Stowage Facilities, continued

Table 8.1: Stowage Facility Conditions

Site/Magazine Type: Yorktown/Missile Magazine (42172)

Facility Number	Condition		Environment Controls (Y/N)	Currently In Use? (Y/N)	Type of Ordnance Stowed	Reason for Stowage
	A / I / S	KSF				
1995	A	8.000	N	Y	AIR MISSILES	RSS&I
1996	A	8.000	N	Y	HARPOON	RSS&I
1997	A	8.000	N	Y	AIR MISSILES	RSS&I
1998	A	8.000	N	Y	AIR MISSILES	RSS&I
1999	A	8.000	N	Y	AIR MISSILES	RSS&I
2000	A	8.000	N	Y	TOMAHAWK	RSS&I
2001	A	8.000	Y	Y	STANDARD	RSS&I
2002	A	8.000	Y	Y	STANDARD	RSS&I
2003	A	8.000	Y	Y	STANDARD	RSS&I
2004	A	8.000	Y	Y	STANDARD	RSS&I
2005	A	8.000	Y	Y	STANDARD	RSS&I
2010	A	8.000	N	Y	HARM	RSS&I
2022	A	8.000	N	Y	EMPTY	Just Accepted
22	A	4.200	N	Y	81MM	RSS&I
441	A	7.625	N	Y	PROPELLING CHARGES	RSS&I
442	I	7.625	N	Y	CLUSTER BOMB	RSS&I

R

8. Stowage Facilities, continued

Table 8.1: Stowage Facility Conditions

Site/Magazine Type: Yorktown/Missile Magazine (42172)

Facility Number	Condition		Environment Controls (Y / N)	Currently In Use? (Y / N)	Type of Ordnance Stowed	Reason for Stowage
	A / I / S	KSF				
443	I	7.625	N	Y	155MM	RSS&I
87	A	7.625	N	Y	ROCKET MOTORS	Operational Use
88	A	7.625	N	Y	G&C UNITS	Operational Use

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 - Revised

Site: Yorktown

Type of Magazine	Total This Type	Square Footage			
		Adequate	Substandard	Inadequate	Total
RDT&E STORAGE	18	3956	16	NA	3972
FUZE & DET	23	28060	NA	NA	28060
HIGH EXPL	155	327700	NA	NA	327700
READY SERVICE	3	2132	NA	NA	2132
SMALL ARMS	12	8977	NA	NA	8977
MISSILE	35	251313	NA	15250	266563
Total:		622138	16	15250	637404

(R)
(R)
(R)

NOTE: Data revised 09SEP94

NOTE: Facility summary includes facilities utilized by the host activity and tenants.

93
87 R 16 SEPT 94

8. **Stowage Facilities, continued****Table 8.1: Stowage Facility Conditions**Site/Magazine Type: Yorktown/Missile Magazine (42172)

Facility Number	Condition		Environment Controls (Y/N)	Currently In Use? (Y/N)	Type of Ordnance Stowed	Reason for Stowage
	A / I / S	KSF				
443	I	7.625	N	Y	155MM	RSS&I
87	A	7.625	N	Y	ROCKET MOTORS	Operational Use
88	A	7.625	N	Y	G&C UNITS	Operational Use

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 - RevisedSite: Yorktown

Type of Magazine	Total This Type	Square Footage			
		Adequate	Substandard	Inadequate	Total
RDT&E STORAGE	18	3956	16	NA	3972
FUZE & DET	23	37060	NA	NA	37060
HIGH EXPL	155	327700	NA	NA	327700
READY SERVICE	3	2132	NA	NA	2132
SMALL ARMS	12	8977	NA	NA	8977
MISSILE	32	220438	NA	15250	235688
Total:		600263	16	15250	615529

NOTE: Table revised 17JUN94 to insert NA into each blank cell. Totals in the Adequate and Total columns revised.

NOTE: Facility summary includes facilities utilized by the host activity and tenants.

R

Activity: 00109

8. Stowage Facilities, continued

Table 8.2.b: Facility Stowage Summary - Revised

Type Magazine: RDT&E STORAGE

Location	Total # Magazines	Square Footage			
		Adequate	Substandard	Inadequate	Total
YORKTOWN	18	3956	16	NA	3972
	Total:	3956	16	NA	3972

NOTE: Table revised 17JUN94 to insert NA into each blank cell. No data revised. ←

Table 8.2.b: Facility Stowage Summary - Revised

Type Magazine: FUZE & DETONATOR

Location	Total # Magazines	Square Footage			
		Adequate	Substandard	Inadequate	Total
YORKTOWN	23	28060	NA	NA	28060
	Total:	28060	NA	NA	28060

CR

CR

NOTE: Data revised 09SEP94

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88 R 16 SEPT 94

8. **Stowage Facilities, continued**

Table 8.2.b: Facility Stowage Summary - Revised

Type Magazine: RDT&E STORAGE

Location	Total # Magazines	Square Footage			
		Adequate	Substandard	Inadequate	Total
YORKTOWN	18	3956	16	NA	3972
	Total:	3956	16	NA	3972

NOTE: Table revised 17JUN94 to insert NA into each blank cell. No data revised.

Table 8.2.b: Facility Stowage Summary - Revised

Type Magazine: FUZE & DETONATOR

Location	Total # Magazines	Square Footage			
		Adequate	Substandard	Inadequate	Total
YORKTOWN	23	37060	NA	NA	37060
	Total:	37060	NA	NA	37060

NOTE: Table revised 17JUN94 to insert NA into each blank cell. No data revised.

R

Activity: 00109

8. Stowage Facilities, continued

Table 8.2.b: Facility Stowage Summary - Revised

Type Magazine: HIGH EXPLOSIVE

Location	Total # Magazines	Square Footage			
		Adequate	Substandard	Inadequate	Total
YORKTOWN	155	327700	NA	NA	327700
Total:		327700	NA	NA	327700

NOTE: Table revised 17JUN94 to insert NA into each blank cell. No data revised. ←

Table 8.2.b: Facility Stowage Summary - Revised

Type Magazine: READY SERVICE

Location	Total # Magazines	Square Footage			
		Adequate	Substandard	Inadequate	Total
YORKTOWN	3	2132	NA	NA	2132
Total:		2132	NA	NA	2132

NOTE: Table revised 17JUN94 to insert NA into each blank cell. No data revised. ←

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89 R 16 SEPT 94

8. **Stowage Facilities, continued**

Table 8.2.b: Facility Stowage Summary - Revised

Type Magazine: HIGH EXPLOSIVE

Location	Total # Magazines	Square Footage			
		Adequate	Substandard	Inadequate	Total
YORKTOWN	155	327700	NA	NA	327700
Total:		327700	NA	NA	327700

NOTE: Table revised 17JUN94 to insert NA into each blank cell. No data revised.

Table 8.2.b: Facility Stowage Summary - Revised

Type Magazine: READY SERVICE

Location	Total # Magazines	Square Footage			
		Adequate	Substandard	Inadequate	Total
YORKTOWN	3	2132	NA	NA	2132
Total:		2132	NA	NA	2132

NOTE: Table revised 17JUN94 to insert NA into each blank cell. No data revised.

R

Activity: 00109

8. Stowage Facilities, continued

Table 8.2.b: Facility Stowage Summary - Revised

Type Magazine: SMALL ARMS

Location	Total # Magazines	Square Footage			
		Adequate	Substandard	Inadequate	Total
YORKTOWN	12	8977	NA	NA	8977
Total:		8977	NA	NA	8977

NOTE: Table revised 17JUN94 to insert NA into each blank cell. No data revised.



Table 8.2.b: Facility Stowage Summary - Revised

Type Magazine: MISSILE BOX

Location	Total # Magazines	Square Footage			
		Adequate	Substandard	Inadequate	Total
YORKTOWN	35	251313	NA	15250	266563
Total:		251313	NA	15250	266563

(R)

(R)

NOTE: Data revised 09SEP94

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98 R 16 SEPT 94

8. **Stowage Facilities, continued**

Table 8.2.b: Facility Stowage Summary - Revised

Type Magazine: SMALL ARMS

Location	Total # Magazines	Square Footage			
		Adequate	Substandard	Inadequate	Total
YORKTOWN	12	8977	NA	NA	8977
	Total:	8977	NA	NA	8977

NOTE: Table revised 17JUN94 to insert NA into each blank cell. No data revised.

Table 8.2.b: Facility Stowage Summary - Revised

Type Magazine: MISSILE BOX

Location	Total # Magazines	Square Footage			
		Adequate	Substandard	Inadequate	Total
YORKTOWN	32	220438	NA	15250	235688
	Total:	220438	NA	15250	235688

NOTE: Table revised 17JUN94 to insert NA into each blank cell. No data revised.

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:

a. Facility type/code: **Missile Magazine/42172 Bldg 442**

b. What makes it inadequate? **Does not have lightning protection**

c. What use is being made of the facility? **Stores ordnance for issue**

d. What is the cost to upgrade the facility to substandard? **\$30,000**

e. What other use could be made of the facility and at what cost? **General storage at no cost**

f. Current improvement plans and programmed funding: **Facility is on list of buildings having waiver corrections done as funding becomes available.**

g. Has this facility condition resulted in C3 or C4 designation on your BASEREP? **No.**

a. Facility type/code: **Missile Magazine/42172 Bldg 443**

b. What makes it inadequate? **Does not have lightning protection**

c. What use is being made of the facility? **Stores ordnance for issue**

d. What is the cost to upgrade the facility to substandard? **\$30,000**

e. What other use could be made of the facility and at what cost? **General storage at no cost**

f. Current improvement plans and programmed funding: **Facility is on list of buildings having waiver corrections done as funding becomes available.**

g. Has this facility condition resulted in C3 or C4 designation on your BASEREP? **No.**

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.

Not applicable.

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.

Not applicable.

8. Stowage Facilities, continued

Table 8.5: Facility Locations - NOT APPLICABLE

Site (Full Title and location)	Distance

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.

Table 9.1: Condition of Other Facilities - Revised

← N/A's
added in
blanks

Facility Number	Function	Condition (KSF)			Total
		Adequate	Substandard	Inadequate	
3	IM	51	NA	NA	51
476	DM, T, TS	154	NA	NA	154
625	IM	.2	NA	NA	.2
781	IM, T	NA	7	NA	7
783	IM	.5	NA	NA	.5
785	IM	.1	NA	NA	.1
1347	IM	15	NA	NA	15
1348	IM	7.5	NA	NA	7.5
1350	IM	1.1	NA	NA	1.1
1466	IM	9	NA	NA	9
1467	IM	19.7	NA	NA	19.7
1595	IM, T	59.2	NA	NA	59.2
1801	IM	.9	NA	NA	.9
1802	IM	.9	NA	NA	.9
1990	IM, T	48.4	NA	NA	48.4
385	IM	NA	4	NA	4
467	IM	11.1	NA	NA	11.1
535	IM	.3	NA	NA	.3
586	IM	NA	.1	NA	.1
618	IM	NA	.1	NA	.1

466	DM, T	.8	NA	NA	.8
782	IM	NA	11	NA	11
784	IM	.4	NA	NA	.4
786	IM	2	NA	NA	2
1833	IM	25	NA	NA	25
1834	IM	15	NA	NA	15
1456	IM	NA	14.5	NA	14.5
1798	IM	2	NA	NA	2
719	IM	3	NA	NA	3
721	IM, T	5.6	NA	NA	5.6
723	IM	2	NA	NA	2
724	IM	1	NA	NA	1
793	IM	1	NA	NA	1
1840	IM, T	9.2	NA	NA	9.2
1841	IM, T	10.3	NA	NA	10.3
5	TS	NA	52.7	NA	52.7
28	T	11.5	NA	NA	11.5
522	TS	NA	.8	NA	.8
521	TS, T	NA	8.9	NA	8.9
523	T	1.8	NA	NA	1.8
524	TS	.2	NA	NA	.2
533	T	.5	NA	NA	.5
534	TS	.1	NA	NA	.1
633	TS	.1	NA	NA	.1
1346	TS, T	NA	46.7	NA	46.7
1351	TS, T	NA	16.2	NA	16.2
1451	TS, T	.1	NA	NA	.1
1586	TS	.1	NA	NA	.1
1673	T	.3	NA	NA	.3
4	DM	NA	47.6	NA	47.6

1432	IM	.5	NA	NA	.5
426	TS	4.8	NA	NA	4.8
683	TS	8.1	NA	NA	8.1
126	T	1.1	NA	NA	1.1
127	T	1.1	NA	NA	1.1
1	T	10	NA	NA	10
428	IM	NA	32	NA	32
449	IM	2.3	NA	NA	2.3
1202	IM	4	NA	NA	4
1811	IM	11.2	NA	NA	11.2
1812	IM	8.8	NA	NA	8.8
2021	IM, T	7.3	NA	NA	7.3
2020	IM, T, TS	79	NA	NA	79
2029	TS	2.3	NA	NA	2.3
299	T, TS	1.1	NA	NA	1.1
376	T, TS	.8	NA	NA	.8
1959	T, TS	54	NA	NA	54
710	TS	5.5	NA	NA	5.5
430	IM, TS	NA	19.3	NA	19.3
1899	IM, TS	6	NA	NA	6
1794	M, TS	25	NA	NA	25
476	TS	26.6	NA	NA	26.6
819	IM, TS, T	.8	NA	NA	.8
1816	IM, TS, T	19.5	NA	NA	19.5
1818	IM, TS, T	2.5	NA	NA	2.5
1897	IM, TS, T	.5	NA	NA	.5
10	M	NA	21.8	NA	21.8

NOTE: Table revised 17JUN94 to insert NA into each blank cell. No data revised. 

9. Other Facilities, 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 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 - Revised

← N/A's added
in blanks

Building Type	Facility Number	Installation Space (KSF)			Total KSF
		Adequate	Substandard	Inadequate	
226-55	10	NA	107,825	NA	107,825
226-55	10A	NA	3,000	NA	3,000
226-55	98	NA	361	NA	361
226-55	527	1,364	NA	NA	1,364
226-55	528	1,886	NA	NA	1,886
226-55	528A	3,752	NA	NA	3,752
226-55	500	NA	24,897	NA	24,897
226-55	500A	NA	11,070	NA	11,070
226-55	501	NA	13,755	NA	13,755
226-55	501A	NA	9,724	NA	9,724
216-10	109	15,060	NA	NA	15,060
226-55	110	NA	22,086	NA	22,086
226-55	627	NA	2,077	NA	2,077
226-55	628	1,998	NA	NA	1,998
226-55	629	NA	5,150	NA	5,150
226-55	375	NA	19,100	NA	19,100
226-55	502	NA	11,690	NA	11,690
226-55	502A	NA	6,069	NA	6,069
226-55	503	NA	18,054	NA	18,054
226-55	503A	NA	21,025	NA	21,025

226-55	504	NA	2,416	NA	2,416
226-55	505	NA	1,878	NA	1,878
226-55	1979	120	NA	NA	120
226-55	1213	100	NA	NA	100
143-78	2007	690	NA	NA	690
143-78	2008	462	NA	NA	462
216-10	82	NA	702	NA	702
216-10	435	NA	35,141	NA	35,141
212-10	783	450	NA	NA	450
216-10	786	1,904	NA	NA	1,904
730-25	1401	64	NA	NA	64
216-10	80	NA	7,187	NA	7,187
216-10	79	6,394	NA	NA	6,394
216-50	722	NA	6,030	NA	6,030
216-50	790	7,000	NA	NA	7,000
216-50	814	950	NA	NA	950
226-85	11	NA	6,816	NA	6,816

NOTE: Table revised 17JUN94 to insert NA into each blank cell. No data revised. 

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 = 1750 DLMHs/DLMY

**Table 10.1.a: Non-Military Personnel
(IN THOUSANDS OF HOURS)**

	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Direct Labor	1569.2	1508.8	1574.7	1602.1	1672.3	1634.4	1738.5	1278.8
Overhead	1845.3	1718.3	1650.5	1583.8	1523.5	1557.6	1444.1	1286.6
Total	3414.5	3227.1	3225.2	3185.9	3195.8	3192.0	3182.6	2565.4

**Table 10.1.b: Non-Military Personnel
(IN THOUSANDS OF HOURS)**

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1997	FY 1999	FY 2000	FY 2001
Direct Labor	1182.6	1128.2	1148.2	1086.9	1086.9	1086.9	1086.9	1086.9
Overhead	1218.5	574.4	577.3	577.8	577.8	577.8	577.8	577.8
Total	2401.1	1702.6	1725.5	1664.7	1664.7	1664.7	1664.7	1664.7

COMMENT: Conversion rate of 1750 DLMHs per Work Year used, same rate used for WPNSTA Yorktown budget preparation.

10. Workforce, continued

Table 10.1.c: **Military Personnel**
(IN THOUSANDS OF HOURS)

	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Direct Labor	209.8	147.4	118.2	112.5	94.0	100.0	69.3	65.1
Overhead	423.9	1180.8	522.5	471.4	472.1	388.4	164.3	433.9
Total	633.7	1328.2	640.7	583.9	566.1	488.4	233.6	499.0

Table 10.1.d: **Military Personnel**
(IN THOUSANDS OF HOURS)

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1997	FY 1999	FY 2000	FY 2001
Direct Labor	73.7	49.1	47.4	50.9	50.9	50.9	50.9	50.9
Overhead	258.7	230.5	236.7	236.7	236.7	236.7	236.7	236.7
Total	332.4	279.6	284.1	287.6	287.6	287.6	287.6	287.6

COMMENT: Conversion rate 1750 DLMHs per Work Year used, same rate for WPNSTA Yorktown budget preparation.

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)
675	0.9	S.D. Ashe, Inc Puller Center	15	Grounds Maintenance
425	1.9	Econoclean	3	Janitorial
1344	0.2	Coastal Carolina	4	Housing Maintenance
1982	0.1	Trident Serv.	1	Self Help
381	2	MILCOM, ITS, GSTEK	6	Telephone System Maintenance
9	50	Mideast	6	Supply
8	21	Mideast	3	Supply
7	0.2	SYSCON Services INC. (SSI)	1	FMS Coordination
1496	0.1	LORAL	1	VLA Site Manager
2020	0.1	DYNCOR	1	Database Management
2020	0.1	Hughes Missile Systems	1	MK 612 Tech Representative
1346	1.4	ManTech	14	Data Base Development
1595	0.1	ManTech	1	Data Entry

Features and Capabilities, continued

R

12. Berthing Capability

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

Table 12.1: Pier and Wharf Characteristics

(R)

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
R-3	52	15210	2100	42 + 2	—	96'-4"	Y	6550' 2.5M Lbs	0

(R)

Additional comments: WPNSTA Yorktown's pier is approved for 2.25 million pounds of explosive concentrated at the midpoint and 1.25 million pounds from each end (2.5M) of the 2200 foot working face of the pier. (R)

Note: Comment added 9-28-94.

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

Table 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
R-3	52	15210	2100	42 + 2	—	96'-4"		6550 2.25 Lb	0

Additional comments:

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
R-3	FY89	Widened south end of wharf

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

Table 12.3: ESQD Waivers In Effect

Pier or Wharf	Nature of Waiver	Date Waiver Expires
R-3	CNO Exemption WPNST YORKTOWN 5C-76 Authorize 2,250,000 N.E.W. 1.1, H.E. Ar encumbers buildings and personnel	30Sep98

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?
None	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.

The wharf, R-3, at Yorktown is designed with an approach leg at each end of the berthing face making a U-shaped wharf. The 2,100 LF outboard face of the wharf is used exclusively for berthing of commissioned ships. The north leg of the pier has a lift span which gives access to the inside of the U. The 2100 LF inboard side of the wharf berths barges which are used to transport munitions to and from ships at Norfolk Naval Base and at anchorage. The south approach leg of the wharf berths the tug and small craft.

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						
R-3	Include answer in separate Annex	none	none	none	2.4 million	1 million	none	none	N

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?
R3	0.9	4	4	0

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 pier has approximately 1900 feet of berthing space dedicated for barges. This area is on the interior face of the pier and does not reduce the number of berths available for ships or impact on ship service. Another dedicated area is used in support of tugs and security craft. Both the pier basin and the service craft area are uniquely designed to provide this service without degradation to ship berthing space.

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

Average pier loading in FY 93 was 0.73 ships a day. This average does not vary with season. (R)

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.

R-3 is an explosive loading facility. Water and CHT capability can support cold iron at present. The clean steam and shore power is not available. Commissioned ships are not homeported at Yorktown. If homeporting at Yorktown were to occur, the clean steam and shore power would be required.

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

Weapons Station Yorktown is located up stream from the George P. Coleman Memorial Bridge which crosses the York River. The double swing span provides a clear channel opening of 450'. The Coleman bridge is currently being widened to accommodate additional vehicular traffic flow. Upon project completion, the clear channel opening will be 420'. Projected completion date of the construction project is spring of 1996.

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 pier has approximately 1900 feet of berthing space dedicated for barges. This area is on the interior face of the pier and does not reduce the number of berths available for ships or impact on ship service. Another dedicated area is used in support of tugs and security craft. Both the pier basin and the service craft area are uniquely designed to provide this service without degradation to ship berthing space.

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

Average pier loading is 1.5 to 2.0 ships a day. This average does not vary with season.

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.

R-3 is an explosive loading facility. Water and CHT capability can support cold iron at present. The clean steam and shore power is not available. Commissioned ships are not homeported at Yorktown. If homeporting at Yorktown were to occur, the clean steam and shore power would be required.

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

Weapons Station Yorktown is located up stream from the George P. Coleman Memorial Bridge which crosses the York River. The double swing span provides a clear channel opening of 450'. The Coleman bridge is currently being widened to accommodate additional vehicular traffic flow. Upon project completion, the clear channel opening will be 420'. Projected completion date of the construction project is spring of 1996.

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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 - Revised

Site Location: MAIN BASE

Land Use	Total Acres	Developed Acreage	Available for Development	
			Restricted	Unrestricted
Maintenance	322	27	150	145
Operational	945	400	400	145
Training	285	235	0	50
R & D	15	10	0	5
Supply & Storage	85	70	10	5
Admin	95	90	0	5
Housing	154	154	0	0
Recreational	145	131	0	14
Navy Forestry Program	7500	0	6500	1000
Navy Agricultural Outlease Prgm	0	0	0	0
Hunting/Fishing Programs	7500	0	6500	1000
Other	NA	NA	NA	NA
Total:	10635	NA	NA	NA

(R)

NOTE: NA - Not Applicable.

NOTE: Table data revised 03 OCT 94. Total reflects total acres for WPNSTA Yorktown Main Base. Totals of other columns are not shown as areas overlap. Values in Table 13.1 are not consistent with Data Call #33, Table 8.d as table line items/areas overlap. Maintenance, Operational, Training, and R&D land use areas overlap within and outside ESQD arcs. Supply & Storage and Admin land use areas overlap outside ESQD arcs. Housing and Recreational areas overlap as some facilities are located within housing areas. Navy Forestry Program, Navy Agricultural Outlease Program, and Hunting/Fishing Programs land use areas overlap or are the same areas.

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 - Revised

Site Location: MAIN BASE

← N/A's
added in
blanks

Land Use	Total Acres	Developed Acreage	Available for Development	
			Restricted	Unrestricted
Maintenance	322	27	150	145
Operational	945	400	400	145
Training	285	235	0	50
R & D	15	10	0	5
Supply & Storage	85	70	10	5
Admin	95	90	0	5
Housing	154	154	0	0
Recreational	145	131	0	14
Navy Forestry Program	7500	0	6500	1000
Navy Agricultural Outlease Program	0	0	0	0
Hunting/Fishing Programs	7500	0	6500	1000
Other	NA	NA	NA	NA
Total:	17046	1117	13560	2369

Activity: 00109

NOTE: Table revised 17JUN94 to insert NA into each blank cell. No data revised.



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 - Revised

Site: MAIN BASE & CONTIGUOUS HOUSING (FY 93 DATA)

Capability	On Base Capacity	Off Base Longterm Contract	Normal Steady State Load	Peak Demand
Electrical Supply (KWH)	NONE	13,200 KVA	45,225,600 KWH/YR	9388 KW
Natural Gas (CFH)	*	NA	NA	NA
Sewage (GPD)	NA	350,000	245,155	311,368
Potable Water (GPD)	NA	1,440,000	585,864	772,734
Steam (lb/Hr)	228,813	NA	23,000	70,417
Long-term Parking	NA	NA	NA	NA
Short-term parking	NA	NA	NA	NA

NOTE: Table revised 17JUN94 to insert NA into each blank cell. No data revised.

*NOTE: Service currently being installed

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	9,900	569,415	5,735
1987	10,200	575,863	8,000
1988	8,400	610,151	6,752
1989	9,572	624,937	4,289
1990	11,914	639,942	5,085
1991	10,700	659,140	2,292
1992	13,900	714,908	579
1993	17,328	748,297	1,253
1994	23,982	770,746	3,040
1995	28,021	793,868	2,171
1996	22,875	817,684	2,580
1997	19,770	842,215	1,246

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Activity: 00109

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 - Revised

Facility Type, Bldg. # & CCN	Total # Beds	Total # Rooms	Adequate		Substandard		Inadequate	
			Beds	SF	Beds	SF'	Beds	SF
BOQ Bldg 704 724-11 724-12	17	18	17	400	NA	NA	NA	NA
BEQ Bldg 706 721-11 721-12 721-13	84	45	NA	NA	NA	NA	84	230* 115
BEQ Bldg 707 721-11 721-12 721-13	83	45	NA	NA	NA	NA	83	230** 115
BEQ Bldg 1807 721-11	160	80	NA	NA	160	230	NA	NA

(R)
(R)
(R)
(R)

NOTE: Table revised 17JUN94 to insert NA into each blank cell. ~~No data revised.~~

*NOTE: 5 rooms at 115 SF, 40 rooms at 230 SF
**NOTE: 5 rooms at 115 SF, 40 rooms at 230 SF

15.4 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: SEE COMMENT.

- 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?

COMMENT: No changes in facility accommodations are projected by FY 1997.

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Features and Capabilities, continued

15. Personnel Support Facility Data

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

- a. Facility type/code: BEO/721-11, 721-12, 721-13.
- b. What makes it inadequate?
Facilities have a central bath. Square footage inadequate for E-4 through E-9.
- c. What use is being made of the facility?
Enlisted personnel E-1 through E-9 housed in facilities. E-6 and above personnel accepting inadequate housing.
- d. What is the cost to upgrade the facility to substandard?
Expansion would reduce number of rooms and beds. Cost to upgrade unknown.
- e. What other use could be made of the facility and at what cost?
Unknown.
- f. Current improvement plans and programmed funding:
Improvement plans identified in MILCON Project P532, \$3.0M, PR 2000.
- g. Has this facility condition resulted in C3 or C4 designation on your BASEREP?
Facilities condition designated C3 on BASEREP FY93.

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 - Revised

Facility Type, Bldg. # & CCN	Total # Beds	Total # Rooms	Adequate		Substandard		Inadequate		
			Beds	SF	Beds	SF	Beds	SF	
BOQ Bldg 704 724-11 724-12	17	18	17	400	NA	NA	NA	NA	(R
BEQ Bldg 706 721-11 721-12 721-13	84	45	NA	NA	NA	NA	84	230* 115	(R
BEQ Bldg 707 721-11 721-12 721-13	83	45	NA	NA	NA	NA	83	230** 115	(R
BEQ Bldg 1807 721-11	160	80	NA	NA	160	230	NA	NA	(R

NOTE: Table revised 17JUN94 to insert NA into each blank cell. ~~No data revised.~~

*NOTE: 40 rooms at 230 SF, 5 rooms at 115 SF

**NOTE: 40 rooms at 230 SF, 5 rooms at 115 SF

COMMENT: The following data provides number of people housed by CCN and pay grade:

CCN	Pay Grade	No. People
721-11	E1 - E4	247
721-12	E5 - E6	31
721-13	E7 - E9	7
724-12	CWO - O2	3
724-12	O3 & above	4
724-11 & 724-12	CWO & above	11 transient qtrs

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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 - Revised**

Facility Type, Bldg. # & CCN	Total # Beds	Total # Rooms	Adequate		Substandard		Inadequate	
			Beds	SF	Beds	SF	Beds	SF
BOQ Bldg 704 724-11 724-12	1	1	1	40	N	N	N	N
BEQ Bldg 706 721-11 721-12 721-13	8	4	N	N	N	N	8	230* 115
BEQ Bldg 707 721-11 721-12 721-13	8	4	N	N	N	N	8	230* 115
BEQ Bldg 1807 721-11	16	8	N	N	16	23	N	N

NOTE: Table revised 17JUN94 to insert NA into each blank cell. No data revised.

*NOTE: 40 rooms at 230 SF, 5 rooms at 115 SF

**NOTE: 40 rooms at 230 SF, 5 rooms at 115 SF

COMMENT: The following data provides number of people housed by CCN and pay grade:

<u>CCN</u>	<u>Pay Grade</u>	<u>No. People</u>
721-11	E1 - E4	247
721-12	E5 - E6	31
721-13	E7 - E9	7
724-12	CWO - 02	3
724-12	O3 & above	4
724-11 & 724-12	CWO & above	11 transient qtrs

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Features and Capabilities, continued

15. Personnel Support Facility Data

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

- a. Facility type/code: BEO/721-11, 721-12, 721-13.
- b. What makes it inadequate?
Facilities have a central bath. Square footage inadequate for E-4 through E-9.
- c. What use is being made of the facility?
Enlisted personnel E-1 through E-9 housed in facilities. E-6 and above personnel accepting inadequate housing.
- d. What is the cost to upgrade the facility to substandard?
Expansion would reduce number of rooms and beds. Cost to upgrade unknown.
- e. What other use could be made of the facility and at what cost?
Unknown.
- f. Current improvement plans and programmed funding:
Improvement plans identified in MILCON Project P532, \$3.0M, PR 2000.
- g. Has this facility condition resulted in C3 or C4 designation on your BASEREP?
Facilities condition designated C3 on BASEREP FY93.

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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 - Revised

Facility Type, Bldg. # & CCN	Total # Beds	Total # Rooms	Adequate		Substandard		Inadequate	
			Beds	SF	Beds	SF	Beds	SF
BOQ Bldg 704 724-11 724-12	1	1	1	40	N	N	N	N
BEQ Bldg 706 721-11 721-12 721-13	8	4	N	N	N	N	8	230* 115
BEQ Bldg 707 721-11 721-12 721-13	8	4	N	N	N	N	8	230* 115
BEQ Bldg 1807 721-11	16	8	N	N	16	23	N	N

NOTE: Table revised 17JUN94 to insert NA into each blank cell. No data revised.

*NOTE: 5 rooms at 115 SF, 40 rooms at 230 SF

**NOTE: 5 rooms at 115 SF, 40 rooms at 230 SF

15.4 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: SEE COMMENT.

- 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?

COMMENT: No changes in facility accommodations are projected by FY 1997.

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

CCR

Facility Type, CCN and Bldg. #	Total SF	Adequate		Substandard		Inadequate		Avg # Noon Meals Served
		Seats	SF	Seats	SF	Seats	SF	
Galley 722-10 Bldg 705	10,110	166	10,110	NA	NA	NA	NA	300

CR

15.6 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: Not Applicable.

- 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?

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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	
Galley 722-10 Bld 705	10,11	16	10,11	N	N	N	N	30

15.6 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: Not Applicable.

- 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?

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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, CCN and Bldg. #	Total SF	Adequate		Substandard		Inadequate		Avg # Noon Meals Served
		Seats	SF	Seats	SF	Seats	SF	
Galley 722-11 Bldg 705	10,110	166	NA	NA	NA	NA	NA	300

COMMENT: No changes anticipated

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: Not Applicable

- 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?

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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	
Galley 722-11 Bld 705	10,110	166	NA	NA	NA	NA	NA	300

COMMENT: No changes anticipated

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: Not Applicable

- 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 10 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)
N0010	171-1	Acad. Inst. Class	1	72	204,408

COMMENT: The Yorktown Training Center consists of three academic instruction classrooms with a total capacity of 72 students. This represents the only official training facility as designated by category code numbers. No training category code numbers are assigned to any facilities occupied by tenants.

16. Training Facilities, continued

16.2 By facility Category Code Number (CCN), provide the number of hours per year of classroom time required for each course of instruction taught at formal schools on your installation. Include all applicable 171-XX and 179-XX 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: 171-10

Academic Instruction Class

School	Type of Training	FY 1993 Requirements			FY 2001 Requirements		
		A	B	C	A	B	C
NAVSEADET RASO	Radiological Safety	390	40	15,600	390	40	15,600
Military	Indoctrination I Division	330	40	13,200	248	40	9,920
Navy Reserves	AT/IDT	421	16	6,736	526	16	8,416
Leadership	Human Resources/ Leadership	60	120	7,200	60	120	7,200
Safety	Explosive/Hazardous Material Handling	330	40	13,200	250	60	15,000
Environmental	Law/Compliance Hazardous Waste	330	40	13,200	250	60	15,000
Computer Science	Computer Operator Programming	1,500	16	24,000	1,250	40	50,000
Building Trades	Electrical Theory Boiler/HVAC Repair	50	24	1,200	25	40	1,000
Contract Administration	Law/COTR/Cost Price Analysis	25	40	1,000	50	60	3,000
Problem Solving	Process Improvement	50	24	1,200	225	40	9,000

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

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DATA CALL 25 (CAPACITY) (REVISION) YORKTOWN

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

NEXT ECHELON LEVEL (if applicable)

S. W. DELAPLANE
NAME (Please type or print)
COMMANDER
Title NAVAL ORDNANCE CENTER
ATLANTIC DIVISION
Activity

S.W. Delaplane
Signature
20 JUNE 94
Date

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

NEXT ECHELON LEVEL (if applicable)

R. SUTTON, RADM, USN
NAME (Please type or print)
COMMANDER
Title NAVAL ORDNANCE CENTER
Activity

R. Sutton
Signature
6/22/94
Date

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

MAJOR CLAIMANT LEVEL

G. F. STUMER
NAME (Please type or print)
Commander
Title Naval Air Systems Command
Activity

G.F. Stumer
Signature
7-7-94
Date

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

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

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

J.B. Greene Jr.
Signature
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.

DATA CALL #TWENTY-FIVE, CAPACITY, REVISION

ACTIVITY COMMANDER

S. W. DELAPLANE

NAME (Please type or print)

COMMANDING OFFICER

Title

NAVAL WEAPONS STATION
YORKTOWN, VIRGINIA

Activity


Signature

20 JUNE 94
Date

**DATA CALL SUPPLEMENT
FOR
JOINT CROSS SERVICE GROUP - DEPOT MAINTENANCE**

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DATA CALL SUPPLEMENT FOR JOINT CROSS SERVICE GROUP-DEPOT MAINTENANCE

This supplement is designed to facilitate the cross service analysis required of the 1995 Base Realignment and Closure (BRAC-95) process. It requests data in a standardized format that will be used by the Joint Cross Service Group-Depot Maintenance (JCSG-DM) to develop closure and realignment alternatives to be given to the Military Departments for their analysis and final recommendations. The JCSG-DM Data Call consists of two sections, one for capacity measurements and a second measuring "measures of merit". This Data Call has been formatted to assist the preparer in providing the required information with the minimum amount of effort. If questions arise, contact your Military Department BRAC-95 office for clarification.

Notes in the context of this data call:

1. Base your responses on workload as programmed for your activity. Unless otherwise specified, use workload mixes as programmed in the FYDP.
2. Direct Labor Hours (DLH) is the common unit of measure unless specifically noted otherwise in the question.
3. Information requested in this supplement may duplicate data requested by BRAC 95 data calls from the individual Military Departments. If this occurs, read both questions carefully to ensure that they are in fact asking for identical information, and if that is the case, transfer information from one data call to the other.
4. These questions should be passed up and down the chain of command without editing or rewriting. This standardized data call is designed to support an auditable process by having each activity (regardless of Military Department assigned) respond to the same question.
5. "Core" capability calculations are to be performed in accordance with Office of the Under Secretary of Defense (Logistics) Memorandum dated November 15, 1993 (Subject: Policy for Maintaining Core Depot Maintenance Capability).
6. Capacity and utilization index calculations will be performed in accordance with the Defense Depot Maintenance Council approved update to DoD 4151.15H (Depot Maintenance Capacity/Utilization Index Measurement) dated December 5, 1990.
7. All calculations will assume a one shift, 40 hour work week.
8. Workload, capabilities, and capacities will be measured by commodity groups. A detailed breakout of the JCSG-DM commodity groups is contained in the following box. Insert the commodity groups applicable to your depot maintenance activity into the tables whenever a specific break out is requested by the question. Individual Military Departments in their Service specific data calls, may measure data in different commodity groups or categories, but for the Joint Cross Service analysis, these commodity groups must be utilized.

9. Data will be amounts as of the end of the applicable fiscal year.

Commodity Groups List

1. Aircraft Airframes:
 - a. Rotary
 - b. VSTOL
 - c. Fixed Wing
 - (1) Transport / Tanker / Bomber /
 - (2) Command and Control
 - (3) Light Combat
 - (4) Admin / Training
 - d. 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 Equipment (except aircraft)
 - Small Arms / Personal Weapons
 - Munitions / Ordnance
 - Ground Generators
 - Other

JOINT CROSS SERVICE - DEPOT MAINTENANCE

Table of Acronyms

\$/DLH	Cost per Direct Labor Hour
\$K	Thousands of Dollars
ADMIN	Administrative; administration
AICUZ	Air Installations Compatible Use Zone
AOC\$	Annual Operating Cost (dollars)
CCN	Category Code Number
DBOF	Defense Business Operating Fund
DLH	Direct Labor Hour
DoD	Department of Defense
ESQD	Explosive Safety Quantity Distance
FMS	Foreign Military Sales
FY	Fiscal Year
FYDP	Future Year Defense Plan
GTE	Gas Turbine Engines
HERF	Hazardous Electronic Radiation - Fuels
HERO	Hazardous Electronic Radiation - Ordnance
HERP	Hazardous Electronic Radiation - Personnel
JCSG-DM	Joint Cross Service Group - Depot Maintenance
KSF	Thousands of Square Feet
PRV	Plant Replacement Value
R&D	Research and Development
RPM	Real Property Maintenance
SF	Square Feet
WG	Wage Grade

**DATA CALL SUPPLEMENT
FOR
JOINT CROSS SERVICE GROUP - DEPOT MAINTENANCE**

CAPACITY

1. Capacity Utilization

1.1 Calculate the capacity index for the commodity groups applicable to depot maintenance work at your activity. Provide your answers expressed in direct labor hours (DLHs) in Table 1.1.a by commodity groups for the Fiscal Years requested.

Table 1.1.a: **Capacity Index**

(R)

COMMODITY GROUP	INDEX (DLHs)				
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999
Mine Components	15.0K	15.0K	15.0K	15.0K	15.0K
Other	250.0K	250.0K	250.0K	250.0K	250.0K
Ordnance	45.0K	45.0K	45.0K	45.0K	45.0K
TOTAL	310.0K	310.0K	310.0K	310.0K	310.0K

NOTE: Mine Components - single depot overhaul point for the CAPTOR weapon.

Other - calibration of test equipment used in conjunction with the maintenance and testing of weapon systems, Fleet RADIAC equipment, shipboard gauge and electronic test equipment.

Ordnance - Repair of containers and dollies for air and surface launched missiles, torpedoes and repair of handling trucks used aboard ship.

1. Capacity Utilization, continued

1.2 Calculate the utilization index for the commodity groups applicable to depot maintenance work at your activity. Provide your answers expressed as a percentage (%) in Table 1.2.a by commodity groups for the Fiscal Years requested.

Table 1.2.a: Utilization Index

COMMODITY GROUP	INDEX (%)				
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999
MINE COMPONENTS	85%	71%	71%	71%	71%
OTHER	84%	86%	86%	86%	86%
ORDNANCE	69%	70%	70%	70%	70%
TOTAL	238%	227%	227%	227%	227%

1. Capacity Utilization, continued

1.3 Assuming (a) the current projected total workload remains as assigned; (b) that sufficient production demand is available to justify maximum hiring, with no significant investment in capital equipment; and (c) no major Military Construction additional to that already approved and funded: what is the maximum extent to which operations, by commodity group, could be expanded for depot maintenance work at your activity, based on the current and future planned workload mixes? Please provide your response in the absolute maximum number of direct labor hours (DLHs).

Table 1.3.a: Maximum Potential Capacity

COMMODITY GROUP	INDEX (DLHs)				
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999
MINE COMPONENTS	15.0K	15.0K	15.0K	15.0K	15.0K
OTHER	250.0K	250.0K	250.0K	250.0K	250.0K
ORDNANCE	45.0K	45.0K	45.0K	45.0K	45.0K
TOTAL	310.0K	310.0K	310.0K	310.0K	310.0K

CAPACITY

2. Plant Replacement Value

2.1 What is the estimated Plant Replacement Value (PRV) as of the end of each Fiscal Year of your depot maintenance activity expressed in thousands of dollars (\$K) as a function of the facilities and equipment? Provide your answer in Table 2.1.

Table 2.1: Expenditures and Equipment Values

PRV	\$ K				
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999
Facilities	9787.0	9995.0	10419.0	10740.0	11170.0
Equipments	1040.0	1042.0	1244.0	1246.0	1448.0
TOTAL	10827.0	11037.0	11663.0	11986.0	12618.0

CAPACITY

3. Programmed Workload

3.1 Given the current configuration and operation of your activity, provide the programmed depot level workload by commodity group in Tables 3.1.a and 3.1.b. Express your answer in both dollars (\$K) and direct labor hours (DLH) for the Fiscal Years requested.

Table 3.1.a: Programmed Workload

COMMODITY GROUP	\$ K				
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999
MINE COMPONENTS	545.1	466.6	480.8	495.0	509.9
OTHER	11537.7	12037.3	12452.8	12821.7	13216.8
ORDNANCE	2724.0	2733.0	2620.0	2637.0	2568.0
TOTAL	14806.8	15236.9	15553.6	15953.7	16294.7

Table 3.1.b: Programmed Workload

COMMODITY GROUP	DLHs				
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999
MINE COMPONENTS	6.0K	5.0K	5.0K	5.0K	5.0K
OTHER	127.0K	129.0K	129.5K	129.5K	129.6K
ORDNANCE	31.4K	31.5K	30.2K	30.4K	29.6K
TOTAL	164.4K	165.5K	164.7K	164.7K	164.2K

CAPACITY

4. Service Centers of Excellence

4.1 If your activity has been designated as a Service Center of Excellence for any of the commodity groups, please identify them below.

N/A

**DATA CALL SUPPLEMENT
FOR
JOINT CROSS SERVICE GROUP - DEPOT MAINTENANCE**

MEASURES OF MERIT

Geographic

1. Location

1.1 Specify any special strategic importance or military value consideration of your activity accruing from its geographical location.

<u>Activity</u>	<u>Location</u>	<u>Description of Strategic Importance/Military Value</u>
WPNSTA Yorktown	Yorktown	Located approximately 30 miles from Naval Base Norfolk, major homeport for Atlantic Fleet ships; CINCLANTFLT headquarters; Fleet and Industrial Supply Center Norfolk; Naval Air Station Norfolk and Naval Amphibious Base Little Creek. Proximity to NAS Norfolk and Langley AFB provides capability to airlift urgent requirements/items to CONUS and overseas destinations via scheduled flights. Readily accessible by motor, rail, ship, barge and helicopter.

Geographic, continued

2. Environmental Compliance

Answers to the following questions need to reflect the particular workloads or processes affected by the environmental restrictions/compliance.

2.1 Is your activity in full compliance with all Federal, state, and local environmental regulations? If not in full compliance, provide a comprehensive list of individual regulations that require actions to be taken. What compliance waivers have been granted? When must the activity come into compliance?

Type Regulation Waiver (Date Expires) Date Must be in Compliance

FULL COMPLIANCE

2.2 Has any actual or programmed work at this installation been restricted or delayed because of environmental considerations, such as air or water quality? If so, provide the details of the impact of the restrictions or delays.

Programmed Work Restriction/Delay Describe Impact

N/A

Geographic, continued

3. Environmental Restrictions

Answers to the following questions need to reflect the particular workloads or processes affected by the environmental restrictions/compliance.

3.1 Are there any special programs relating to environmental or industrial waste considerations for your activity? If so, provide the details.

<u>Special Program</u>	<u>Environmental/Industrial Waste</u>	<u>Describe</u>
------------------------	---------------------------------------	-----------------

N/A

3.2 Within what provisions must the activity operate with regard to disposal of hazardous wastes and radioactive materials?

<u>Type</u>	<u>Provisions</u>	<u>Describe</u>
ALL RAM	CFR TITLE 10	CODE OF FEDERAL REGULATIONS FOR THE CONTROL OF HAZMAT
ALL RAM	CFR TITLE 49	CODE OF FEDERAL REGULATIONS FOR THE TRANSPORTATION OF HAZMAT
ALL RAM	OPNAV NOTE 5100 SER 455/2U601665 OF 7 APR 92	DISPOSAL OF RAM

** RAM - RADIOACTIVE MATERIAL

Geographic, continued

4. Other Collocated Activities

4.1 Are there any collocated activities that directly benefit or relate to the depot maintenance activity? If yes, list and describe the impact of each. Include benefits derived from being collocated.

<u>Collocated Activity</u>	<u>Benefit/Relationship</u>	<u>Describe Impact</u>
ACLANT NATO NSWC	ELECTRONIC AND MECHANICAL TEST EQUIPMENT CALIBRATED EFFECTIVE AND REPAIRED	MOST OVERALL NAVSEADET RASO

4.2 Do collocated activities support, or are they supported by, the depot maintenance activity?

<u>Collocated Activity</u>	<u>Describe Relationship</u>
NAVSEA DET RASO	> CALIBRATION/REPAIR OF RADIAC EQUIPMENT FOR THE RASP PROGRAM. > IN SUPPORT OF TRAINING OF RADIATION SAFETY OFFICERS FOR THE NAVY. > SUPPORT IN THE DISPOSAL OF RADIOACTIVE WASTE.
NATO,NSWC	> ELECTRONIC AND MECHANICAL TEST EQUIPMENT REPAIR AND CALIBRATION

Geographic, continued

4. Other Collocated Activities, continued

4.3 How would these activities and the depot maintenance activity function if they were not collocated?

Collocated Activity

Describe Impact if not Collocated

NAVSEA DET RASO

- > SERVICING OF PROGRAM ASSETS WOULD BE LOCATED AT ANOTHER ACTIVITY
- > NO RSO TRAINING SUPPORT BY CODE 302
- > INCREASED DIFFICULTY IN SUPPORT OF DISPOSAL OF RADIOACTIVE WASTE ON STATION

SPECIAL WEAPONS DEPT

- > NO CLOSELY LOCATED ACTIVITY FOR THE REPAIR AND CALIBRATION OF RADIAC EQUIPMENT

NATO, NSWC

- > NO CLOSELY LOCATED ACTIVITY FOR THE REPAIR AND CALIBRATION OF TEST EQUIPMENT

Geographic, continued

5. Encroachment

5.1 Have operations at this activity been at all constrained to accommodate requests of the local communities?

<u>Type of Encroachment Operation Impacted</u>	<u>Describe</u>
--	-----------------

NONE

5.2 Indicate any encroachment constraints on current or future operations that would restrict future expansion.

<u>Type of Encroachment Constraint on Expansion</u>	<u>Describe</u>
---	-----------------

NONE

MEASURES OF MERIT

Facilities and Equipage

6. Unique or Peculiar Facilities

6.1 List unique or peculiar testing facilities, excluding equipment (e.g. runways, railheads, ports, tracks, ponds, etc.).

Test Facility Describe Uniqueness/Peculiarity

Bldg 476 Test facilities are environmentally controlled to achieve a plus or minus one degree fahrenheit tolerance and a plus or minus five percent relative humidity. These are the constraints for performing Type II calibration.

Bldg 4 Container repair facility is not unique.

6.2 Indicate the reasons that these facilities are required by the depot maintenance function.

Test Facility Reasons Required for Maintenance

Bldg 476 Environmental control is required to perform Type II calibration on the instrumentation.

Bldg 4 Facility provides on-site container repair in support of ILM of missiles and torpedoes, Fleet swap-out and inventory.

6.3 How could the depot maintenance functions be performed without these specialized facilities?

Test Facility Describe Testing Alternatives

Bldg 476 Individual test chambers or cells could be constructed to provide the environmental control for the instrumentation.

Bldg 4 Unique capabilities performed in this facility could be relocated to another existing facility.

Facilities and Equipage, continued

7.2 In Table 7.2.a, identify space available for expansion by building type for those facility category code numbers (five or six digit CCNs) that are most important to your mission. An activity's expansion capability is a function of its ability to reconfigure/rehabilitate existing underutilized facilities to accept new or increased requirements.

Table 7.2.a: **Space Available for Expansion - Revised**

(R)

Building ID / Type	CCN	Installation Space (KSF)			Total
		Adequate	Substandard	Inadequate	
INDUSTIAL TEST BLDG	218-45	40K	NA	NA	40K
TOTAL:		40K	NA	NA	40K

NOTE: Table revised 17JUN94 to insert NA into each blank cell. No data revised.

(R)

Facilities and Equipage, continued

8. Unique and/or Peculiar Capabilities and Capacities

8.1 What unique and/or peculiar capabilities and capacities does the depot maintenance activity possess?

<u>Depot Maintenance Capability/Capacity</u>	<u>Describe Why Unique/Peculiar</u>
CALIBRATION/REPAIR OF CWI NOISE MONITORS (MODELS MK 666, MK 39 TEST SETS)	THIS CAPABILITY IS UNIQUE TO THIS ACTIVITY, BASED ON TEST KNOWLEDGE OF THE TECHNOLOGY & SUPPORT EQUIPMENT REQUIRED. ONLY FACILITY CERTIFIED TO PERFORM THIS FUNCTION. PROVIDE DIRECT SUPPORT TO THE FLEET.
CONTAINER REPAIR	MEDIA BLAST MACHINE PROVIDES CAPABILITY TO GRIT/BEAD BLAST CONTAINERS. ALSO HAVE CAPABILITY TO PROVIDE FIBERGLASS REPAIR OF CONTAINERS AND PLASTIC WELDING.

8.2 Separately list the depot maintenance facilities and equipment which are one of a kind within the Service and/or DoD.

<u>Facility/Equipment</u>	<u>Describe Why It is One of a Kind</u>
BLDG 476 - NOISE MEASUREMENT TEST SYSTEM FOR CALIBRATION/REPAIR OF MK 666 CWI NOISE MONITOR	SYSTEM WAS DEVELOPED AND ASSEMBLED AT THIS ACTIVITY. ONLY SYSTEM THAT IS TRACEABLE TO NATIONAL INSTITUTE FOR STANDARDS AND TECHNOLOGY.
BLDG 476 - NOISE MEASUREMENT TEST SYSTEM FOR CALIBRATION/REPAIR OF MK 39 CWI	SYSTEM WAS DEVELOPED AND ASSEMBLED AT THIS ACTIVITY. ONLY SYSTEM THAT IS TRACEABLE TO NATIONAL INSTITUTE FOR STANDARDS AND TECHNOLOGY.

NOISE MONITOR

Facilities and Equipage, continued

9. Acreage Available for Building

9.1 What acreage on the installation does the government own in the proximity of the depot maintenance area that could be used for future expansion? 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. Developed area is defined as land currently with buildings, roads, and utilities where further development is not possible without demolition of existing improvements. Report 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.

Table 9.1: Real Estate Resources - Revised

(R)

Land Use	Total Acres	Developed Acreage	Available for Development	
			Restricted	Unrestricted
Maintenance	322	27	150	145
Operational	945	400	400	145
Training	285	235	0	50
R & D	15	10	0	5
Supply & Storage	85	70	10	5
Admin	95	90	0	5
Housing	154	154	0	0
Recreational	145	131	0	14
Forestry Program	7500	0	6500	1000
Agricultural Outlease Program	0	0	0	0
Hunting/Fishing Programs	7500	0	6500	1000
Other	NA	NA	NA	NA
Total:	17046	1117	13560	2369

(R)

NOTE: Table revised 17JUN94 to insert NA into each blank cell. No data revised.

Facilities and Equipage, continued

10. Administrative Space

10.1 What amount in square feet of administrative space could be made available to the depot maintenance function?

<u>Current Use</u>	<u>Square Feet</u>	<u>Potential Use (Be Specific)</u>
OFFICE SPACE EQUIPMENT	5000	DEPOT LEVEL TEST REPAIR AND CALIBRATION
OFFICE SPACE EQUIPMENT	2500	DLM CONTAINER REPAIR

11. Industrial Waste

11.1 Are there any inhibiting factors that would limit future expansion on the base? Provide the details if applicable.

<u>Inhibiting Factor</u>	<u>Provide Detailed Description</u>
--------------------------	-------------------------------------

N/A

MEASURES OF MERIT

Workload and Capabilities

Answers to the following questions are to reflect programmed amounts by commodity group, by activity in direct labor hours by Fiscal Year for FY 1996 through FY 1999.

12. Core Capabilities (DoD)

12.1 What is the amount of core capability required to support your own Service? Provide your answers in Table 12.1.a by commodity group for the Fiscal Years requested.

Table 12.1.a: Service Required Core

COMMODITY GROUP	Capability (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
MINE COMPONENTS	5.0K	5.0K	5.0K	5.0K
OTHER	66.8K	66.8K	66.9K	66.9K
ORDNANCE	31.5K	30.2K	30.4K	29.6K
TOTAL	103.3K	102.0K	102.3K	101.5K

Workload and Capabilities, continued

12. Core Capabilities (DoD), continued

12.2 What is the amount of capability retained for the performance of other Services core? Provide your answers in Table 12.2.a by commodity group for the Fiscal Years requested.

Table 12.2.a: Core Capability Retained for Other Services

COMMODITY TYPE	Capability (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
OTHER	1.0K	1.0K	1.0K	1.0K
TOTAL	1.0K	1.0K	1.0K	1.0K

Workload and Capabilities, continued

12. Core Capabilities (DoD), continued

12.3 What portion of the Service Core capability identified in the 12.1a above is identified as Service-Controlled Core (Title 10 responsibility)? Provide your answer in Table 12.3.a by commodity group for the Fiscal Years requested.

Table 12.3.a: Service-Controlled Core (Title 10)

COMMODITY GROUP	Capability (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
Mine Components	5.0K	5.0K	5.0K	5.0K
Other	66.8K	66.8K	66.9K	66.9K
Ordnance	31.5K	30.2K	30.4K	29.6K
TOTAL	103.3K	102.0K	102.3K	101.5K

Workload and Capacities, continued

13. Core Workloads

13.1 What are your total Core Workloads to be applied against capabilities identified in Tables 12.1a and 12.2a)? Provide your answer (DLH) in Table 13.1.a by commodity group for the Fiscal Year requested.

Table 13.1a Total Core Workloads

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
MINE COMPONENTS	5.0K	5.0K	5.0K	5.0K
OTHER	67.8K	67.8K	67.9K	67.9K
ORDNANCE	31.5K	30.2K	30.4K	29.6K
TOTAL	104.3K	103.0K	103.3K	102.5K

Workload and Capabilities, continued

14. Other Workloads (Above Core)

14.1 What above core workloads do you perform by these source categories? Use the most appropriate category, but do not duplicate workload on more than one table. Provide answers in Tables 14.1.a through 14.1.g by commodity group for the Fiscal Years requested.

Table 14.1.a: FMS Above Core Workload - Revised

(R)

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
MINE COMPONENTS	NA	NA	NA	NA
OTHER	NA	NA	NA	NA
ORDNANCE	NA	NA	NA	NA
TOTAL	0	0	0	0

NOTE: Table revised 17JUN94 to insert NA into each blank cell. No data revised.

Workload and Capabilities, continued

14. Other Workloads (Above Core), continued

Table 14.1.b: Interservice Above Core Workload - Revised

(R)

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
MINE COMPONENTS	NA	NA	NA	NA
OTHER	13.7K	15.0K	15.0K	15.0K
ORDNANCE	NA	NA	NA	NA
TOTAL	13.7K	15.0K	15.0K	15.0K

NOTE: Table revised 17JUN94 to insert NA into each blank cell. No data revised.

Table 14.1.c: Other Agency Above Core Workload - Revised

(R)

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
MINE COMPONENTS	NA	NA	NA	NA
OTHER	NA	NA	NA	NA
ORDNANCE	NA	NA	NA	NA
TOTAL	0	0	0	0

NOTE: Table revised 17JUN94 to insert NA into each blank cell. No data revised.

Workload and Capabilities, continued

14. Other Workloads (Above Core), continued

Table 14.1.d: Last Source of Repair Workload - Revised

(R)

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
MINE COMPONENTS	NA	NA	NA	NA
OTHER	NA	NA	NA	NA
ORDNANCE	NA	NA	NA	NA
TOTAL	0	0	0	0

NOTE: Table revised 17JUN94 to insert NA into each blank cell. No data revised.

Workload and Capabilities, continued

14. Other Workloads (Above Core), continued

Table 14.1.e: Within Service Above Core Workload - Revised

(R)

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
MINE COMPONENTS	NA	NA	NA	NA
OTHER	47.6K	46.7K	46.7K	46.7K
ORDNANCE	NA	NA	NA	NA
TOTAL	47.6K	46.7K	46.7K	46.7K

NOTE: Table revised 17JUN94 to insert NA into each blank cell. No data revised.

Workload and Capabilities, continued

14. Other Workloads (Above Core), continued

Table 14.1.f: Low Quantity Above Core Workload - Revised

(R)

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
MINE COMPONENTS	NA	NA	NA	NA
OTHER	NA	NA	NA	NA
ORDNANCE	NA	NA	NA	NA
TOTAL	0	0	0	0

NOTE: Table revised 17JUN94 to insert NA into each blank cell. No data revised.

Workload and Capabilities, continued

14. All Other Workloads (Above Core), continued

Table 14.1.g: All Other Workload (Above Core) - Revised

(R)

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
MINE COMPONENTS	NA	NA	NA	NA
OTHER	NA	NA	NA	NA
ORDNANCE	NA	NA	NA	NA
TOTAL	0	0	0	0

NOTE: Table revised 17JUN94 to insert NA into each blank cell. No data revised.

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Workloads and Capabilities, continued

14. Other Workloads (Above Core), continued

Table 14.1.h: Total Above Core Workload - Revised

(R)

(Sum of Tables 14.1.a through 14.1.g)

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
MINE COMPONENTS	NA	NA	NA	NA
OTHER	61.3K	61.7K	61.7K	61.7K
ORDNANCE	NA	NA	NA	NA
TOTAL	61.3K	61.7K	61.7K	61.7K

NOTE: Table revised 17JUN94 to insert NA into each blank cell. No data revised.

Workload and Capabilities, continued

15. Unique and/or Peculiar Workloads (Refer to Question 8.1)

15.1 What amount of the workload reported in question 8.1 is Core? Provide your answer in Table 15.1 by commodity groups for the Fiscal Years requested.

Table 15.1: Unique and/or Peculiar Total Core Workload - Revised

(R)

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
OTHER (CALIBRATION)	5.8K	5.8K	5.9K	5.9K
TOTAL	5.8K	5.8K	5.9K	5.9K

NOTE: Table revised 17JUN94. No data revised.

Workload and Capabilities, continued

15. Unique and/or Peculiar Workloads (Refer to Question 8.1), continued

15.2 What amount of the workload reported in question 8.1 is non-Core? Provide your answer in table 15.2 by commodity group for the Fiscal Years requested.

Table 15.2: Non-Core Unique and/or Peculiar Workload - Revised

(R)

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
OTHER	NA	NA	NA	NA
ORDNANCE	NA	NA	NA	NA
TOTAL	0	0	0	0

NOTE: Table revised 17JUN94 to insert NA into each blank cell. No data revised.

Workload and Capabilities, continued

16. Scope of Work Performed

16.1 Indicate the services/functions performed at this activity that are associated with depot maintenance, but not generally classified or considered as integral to the depot maintenance functions.

Service/Function Description

LOGISTICS SUPPORT VERIFICATION AND UPGRADING OF LOGISTICS SUPPORT
DOCUMENTATION IN SUPPORT OF SHIPBOARD GAGE
PROGRAM DEPOT

16.2 Describe how these services/functions are related to accomplishment of the depot maintenance mission, and the benefits of these relationships.

Service/Function Describe Relationship and Benefit to Maintenance Mission

LOGISTIC SUPPORT CONFIGURATION SUPPORT AND MAINTENANCE
DOCUMENTS THAT ENSURE CONSISTENT REPAIR AND
PROCESSING PROCEDURES ARE ADHERED TO.

Workload and Capabilities, continued

17. Interface with Customers

17.1 Indicate any special functions that the depot maintenance function performs that require close interface with customers, such as on-site workloads (e.g. technical assistance, crash/battle damage repairs, modification/upgrade installations).

Service/Function Describe Required Interface/Relationship/Benefit

FCA LABORATORY IN SUPPORT OF FORCES AFLOAT/SHORE IN AUDITS
MAINTAINING OPERATIONAL CAPABILITITES OF FLEET
CALIBRATION LABORATORIES. AUDITS PROVIDE ACTIVITIES
WITH THE UP-TO-DATE REQUIREMENTS FOR OPERATION AND
GUIDANCE WITHIN THE METCAL COMMUNITY IN SUPPORT OF
THE FLEET AND THEIR NEEDS.

ON-SITE PROVIDE ON-SITE CALIBRATIONS IN SUPPORT OF VARIOUS
CALIBRATIONS WEAPONS SYSTEMS SUCH AS HARPOON, WALLEYE,PENGUIN,
MAVERICK/HELLFIRE AND HARM TEST SETS.

MEASURES OF MERIT

Costs ¹

18. Real Property Maintenance (RPM)

18.1 What is your activity's backlog of real property maintenance for facilities performing depot maintenance as of 30 September 1993 (express in \$K)?

\$ 664 K

18.2 What were your activity's annual RPM expenses (in \$K) for Fiscal Years 1990-1993? Provide your answers in Table 18.2.

Table 18.2: Real Property Maintenance Expenses

	FY 1990	FY 1991	FY 1992	FY 1993
RPM Expenses (\$K)	300.0K	300.0K	1300.0K	850.0K

19. Annual Operating Costs (Excludes Materials used in Depot Maintenance Workloads)

19.1 What were the total depot maintenance actual annual operating costs for your activity (AOC/\$K), excluding materials, used in depot maintenance workloads for Fiscal Years 1990-1993?

What was the cost per direct labor hour (\$DLH) for actual executed hours reported in the DBOF? Provide your answers in Table 19.1.a.

Table 19.1: Annual Operating Costs

EXPENSE	FY 1990	FY 1991	FY 1992	FY 1993
AOC (\$ K)	8960.6K	9563.4K	9799.6K	9965.6K
\$/DLH	41.91	49.71	46.86	63.30
\$/DLH (ORDNANCE)	36.86	44.59	48.19	66.57

¹ There are inherent differences in organizational structure and accounting systems across the Services. Consequently, cost accumulations vary considerably. This severely limits the comparability of the cost per direct labor hour (\$/DLH) rates across Service lines.

Costs, continued

20. Environmental Compliance

20.1 What were your total depot maintenance actual and programmed environmental compliance costs (expressed in \$K) for Fiscal Years 1990-1997? Provide your answers in Table

In compliance. No costs incurred for depot facilities.

(R)

Table 20.1: Environmental Compliance Costs - Revised

COST(\$K)	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997
Actual	NA							
Programmed	NA							

NOTE: Table revised 17JUN94 to insert NA into each blank cell. No data revised.

20.2 If spending is accomplished as programmed above, what will be the remaining costs (backlog at the end of Fiscal Year 1997 expressed in \$K) to bring existing facilities/equipment into environmental compliance?

N/A.

21. Local Wage Rate

21.1 What were your Department of Labor local wage rates for a WG-11, step 3 for Fiscal Years 1991 through 1994?

Table 21.1: Wage Rate

Wage Rate	FY 1991	FY 1992	FY 1993	FY 1994
WG-11 / Step3	11.97	12.48	13.03	13.53

Costs, continued

22. Programmed Capital Investments

22.1 How much is programmed for new mission equipment for Fiscal Years 1996 through 1999? Provide your answer (in \$K) in Table 22.1.

22.2 How much is programmed for replacement equipment for Fiscal Years 1996 through 1999? Provide your answer (in \$K) in Table 22.1.

Table 22.1: Programmed Capital Investments

TYPE	FY 1996	FY 1997	FY 1998	FY 1999
NEW MISSION (\$K)	0	0	0	0
REPLACEMENT (\$K)	100	100	100	100
REPLACEMENT ORDNANCE (\$K)	0	49.0	0	0

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

NEXT ECHELON LEVEL (if applicable)

M. J. GERVAIS
NAME (Please type or print)
Acting Commander
Title
Naval Ordnance Center
Activity Atlantic Division

M J Gervais
Signature
2 AUG 94
Date

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

NEXT ECHELON LEVEL (if applicable)

R. SUTTON, RADM, USN
NAME (Please type or print)
COMMANDER
Title
NAVAL ORDNANCE CENTER
Activity

R Sutton
Signature
5 Aug 94
Date

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)
Title Commander
Naval Sea Systems Command
Activity

G R Sterner
Signature
8-11-94
Date

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

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

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

J B Greene Jr.
Signature
17 AUG 1994
Date

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

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

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

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

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

DATA CALL #25, CAPACITY (Revised Pages)

ACTIVITY COMMANDER

R. C. SCHOLLES

NAME (Please type or print)

Acting Commanding Officer

Title Naval Weapons Station
Yorktown, Virginia

Activity

Signature



Date

01 AUGUST 1994

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

NEXT ECHELON LEVEL (if applicable)

S. W. DELAPLANE

NAME (Please type or print)

Signature 

Commander

Title

Date 9/15/94

Naval Ordnance Center

Atlantic 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

Date 9/23/94

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

R. STERNER

Commander

Date 9/29/94

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)

P. W. DRENNON

NAME (Please type or print)

Signature 

Title ACTING

Date 12 OCT 1994

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.

DATA CALL #25, CAPACITY (Revised Pages)

ACTIVITY COMMANDER

S. W. DELAPLANE
NAME (Please type or print)

Commanding Officer
Title

Naval Weapons Station
Yorktown, Virginia
Activity

Signature



Date

9/16/94

Enclosure (1)

W. W. Delaplane Yorktown - DC 25 revision

106

9

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

NEXT ECHELON LEVEL (if applicable)

S. W. DELAPLANE
NAME (Please type or print)

Signature 

Commander
Title

Date 3 OCT 94

Naval Ordnance Center

Atlantic 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

Date 10/26/94

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 RADM, USN
NAME (Please type or print)

Signature 

Acting Commander
Title

Date 11/7/94

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)

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

W. A. EARNER

Signature

11/15/94
Title

Date

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

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

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

DATA CALL #25, CAPACITY (Revised Pages)

ACTIVITY COMMANDER

S. W. DELAPLANE
NAME (Please type or print)

Commanding Officer
Title

Naval Weapons Station
Yorktown, Virginia
Activity

Signature 

Date 3 OCT 94

Approved Yorktown - DC 25 revision

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)

R. A. Reish

R. A. REISH
NAME (Please type or print)

Acting Commander
Title

Naval Ordnance Center

Atlantic Division
Activity

R. A. Reish
Signature

Date: 18 Nov 94

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, NM, USN

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

COMMANDER
Title

NAVAL ORDNANCE CENTER
Activity

Signature *R. Sutton*

Date 25 Nov 94

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)

G. R. STERNER

Commander
Title
Naval Sea Systems Command

Activity

Signature *G. R. Sterner*

Date 11/29/94

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

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

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

Title

Signature *W. A. Earner*

Date 12/15/94

R

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.

DATA CALL #25, CAPACITY (Revised Pages)

ACTIVITY COMMANDER

S. W. DELAPLANE
NAME (Please type or print)

Signature 

Commanding Officer
Title

Date 16 NOV 94

Naval Weapons Station
Yorktown, Virginia
Activity

106

**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 Activities**

INDEX

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ENVIRONMENTAL DATA CALL

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

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

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

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

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

Defense Finance & Accounting Service - UIC - HQ0103
Explosive Ordnance Disposal Group #2 Detachment, Yorktown - UIC - 30720
Branch Medical Clinic, Yorktown - UIC - 32533
Branch Dental Clinic, Yorktown - UIC - 35042
Resident Officer in Charge of Construction,
Atlantic Division Contractor Office, Yorktown - UIC - 44247

NATO Regional Operating Center, Atlantic
 Communication Logistics Depot, Yorktown - UIC - 44985
 Radiological Affairs Support Office,
 Naval Sea Systems Command Detachment, Yorktown - UIC - 45650
 Naval Surface Warfare Center Division
 Indian Head Detachment, Yorktown - UIC - 47652
 Naval Air Warfare Center Weapons Division,
 Detachment Yorktown - UIC - 48056
 Defense Printing Service Detachment Office - UIC - 48920
 Defense Commissary Agency, Yorktown - UIC - 49175
 Marine Corps Security Force Co. Yorktown - UIC - 53590
 Mobile Mine Assembly Group, Unit 14, Yorktown - 55256
 Naval Investigative Service Resident Agy, Yktn. - 63055
 Naval Warfare Engineering, NSWC, Port Hueneme
 Division, Yorktown - UIC - 63394
 Naval Ophthalmic Support/Training Activity, Yorktown - UIC - 63439
 Personnel Support Activity Detachment, Yorktown - UIC - 68549
 Naval Submarine Torpedo Facility, Yorktown - UIC - 68842
 Naval Ordnance Center, Atlantic Division - UIC - 68969

1. ENDANGERED/THREATENED SPECIES AND BIOLOGICAL HABITAT

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

SPECIES (plant or animal)	Designation (Threatened/ Endangered)	Federal/ State	Critical / Designated Habitat (Acres)	Important Habitat (acres)
<i>example: Haliaeetus leucocephalus - bald eagle</i>	<i>threatened</i>	<i>Federal</i>	25	0
Ambystoma mabeei (Mabees Salamander)	Endangered	State	0	300
Haliaeetus Leucocephalus - Bald Eagle	Threatened	Federal	0	2,000

Source Citation: A Natural Heritage Resources Inventory of the Naval Weapons Station Yorktown. Va. Dept. of Conservation & Recreation, Division of Natural Heritage.

1b.

<p>Have your base operations or development plans been constrained due to:</p> <ul style="list-style-type: none"> - USFWS or National Marine Fisheries Service (NMFS)? - State required modifications or constraints? <p>If so, identify below the impact of the constraints including any restrictions on land use.</p>	<p>YES/NO</p> <p>NO</p>
<p>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.</p>	<p>YES/NO</p> <p>NO</p>

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

1d.

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

2. WETLANDS

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

2a.

Does your base possess federal jurisdictional wetlands?	YES/NO YES
Has a wetlands survey in accordance with established standards been conducted for your base?	YES/NO YES
When was the survey conducted or when will it be conducted? ___/___/___ Spring 1993	Results not yet in
What percent of the base has been surveyed?	100
What is the total acreage of jurisdictional wetlands present on your base?	595

Source Citation: National Wetlands Inventory Map, USDI Fish & Wildlife Service.

R 12/5/94

Note: Copy provided 12-94.

R 12/5/94

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.

Note: Copy provided 12-94 as reported 2a.

R 12/5/94

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.

NOTE: "Copy provided 12-94" added for 2a and 2b on 12-5-94

R 12/5/94

3. CULTURAL RESOURCES

3a.

Has a survey been conducted to determine historic sites, structures, districts or archaeological resources which are listed, or determined eligible for listing, on the National Register of Historic Places? If so, list the sites below.	YES/NO YES
--	---------------

List of Sites:

The Henry Lee House - Listed on National Register
Building 379 - Listed as Eligible

7R 12/5/94

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/NO YES
Has a wetlands survey in accordance with established standards been conducted for your base?	YES/NO YES
When was the survey conducted or when will it be conducted? ____/____/____ Spring 1993	Results not yet in
What percent of the base has been surveyed?	100
What is the total acreage of jurisdictional wetlands present on your base?	595

Source Citation: __ National Wetlands Inventory Map, USDI Fish & Wildlife Service 1971

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 National Register of Historic Places? If so, list the sites below.	YES/NO NO
--	--------------

The Henry Lee House - Listed on National Register

Building 379 - Listed as Eligible

R

3b.

YES/NO

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

List of Results:

* P-419, Air Launch Facility - Site was relocated to accommodate a Phase III Data Recovery in Feb. 1991.

* For numerous sites a study of Ethnohistorical of The African-American Community in April 1992. R 12/5/94

3c.

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

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 / NO NO	
ID/Location of Landfill	Permitted Capacity (CYD)		Maximum Capacity (CYD)	Contents ¹	Permit Status
	TOTAL	Remaining			

3b.

YES/NO

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

* P-419, Air Launch Facility - Site was relocated to accommodate a Phase III Data Recovery in Feb. 1991.

* For numerous sites a study of Ethnohistorical of The African-American Community. April 20, 1992.

3c.

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

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 / NO NO
ID/Location of Landfill	Permitted Capacity (CYD)		Maximum Capacity (CYD)	Contents ¹	Permit Status
	TOTAL	Remaining			

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

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Are there any current or programmed projects to correct deficiencies or improve the facility. **4b.** If there are any non-Navy users of the landfill, describe the user and conditions/agreements.

4c.

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

R 12/5/94

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

Naval Weapons Station Yorktown has established a recycling center in bldg. 379. Renovations improving facility function are being performed by the Public Works Dept. through use of the Job Order Contract (JOC). Some equipment is on site and additional equipment and materials are on order. Currently paper, aluminum cans, cardboards and metals are collected. The program will be expanded to include wood and other items as the need arises and markets are available.

R 12/5/94

NOTE: Question 4c revised 12-5-94.

4d.

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

9 R 12/5/94

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

Are there any current or programmed projects to correct deficiencies or improve the facility. **4b.** If there are any non-Navy users of the landfill, describe the user and conditions/agreements.

4c.

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

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

Naval Weapons Station Yorktown Has established a recycling center in bldg. 379. Renovations improving facility function are being performed by the Public Works Dept. through use of the Job Order Contract (JOB). Some equipment is on site and additional equipment and materials are on order. Currently paper, aluminum cans, cardboards and metals are collected. The program will be expanded to include wood and other items as the need arises and markets are available.

4d.

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

List permit violations and discuss any projects to correct deficiencies.

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

AVERAGE MONTHLY DISCHARGE: APPROXIMATELY 8.9 MILLION GALLONS/MONTH OR 300,000 GPD

PERMIT LIMIT: 350,000 GALLONS/DAY

Yes, in Compliance with Permit.

4f.

Does your base operate an Industrial Waste Treatment Plant (IWTP)?					YES / NO
ID/Location of IWT	Type of Treatment	Permitted Capacity	Ave Daily Discharge Rat	Maximum Capacity	Permit Status
BLDG. 110	CARBON ABSORPTION	LESS THAN 15,000 GPD	6000 GPD	21,600 GPD	INCOMPLY
BLDG. 456	CARBON ABSORPTION	LESS THAN 15,000 GPD	1300 GPD	21,600 GPD	INCOMPLY
BLDG. 375	CARBON ABSORPTION	LESS THAN 15,000 GPD	110 GPD	21,600 GPD	INCOMPLY
BLDG. 10	CARBON ABSORPTION	LESS THAN 15,000 GPD	0	21,600 GPD	INCOMPLY
BLDG. 1816 OTTO FUEL DRAINING SYS.	CARBON ABSORPTION	LESS THAN 3000 GPD	50 GPD	3000 GPD	INCOMPLY
BLDG. 1794 OPTICAL LAB	SOLIDS REMOVAL	LESS THAN 1000 GAL	170 GPD	2,700 GAL	INCOMPLY

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

NO VIOLATIONS/PROJECTS

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

PAINT SPRAY BOOTHS FOR PARTICULATE REMOVAL FROM AIR.
 BUILDINGS 34, 80, 476, 501, 503, 530.
 PERMIT CAPACITY LESS THAN 1400 GPD. IN COMPLIANCE.

4h.

Does your base operate drinking Water Treatment Plants (WTP)?					YES / 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.

NEWPORT NEWS WATER WORKS

4j.

Does the presence of contaminants or lack of supply of water constrain base operations. Explain.	YES/NO NO
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4k.

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

NPDES PERMIT FOR NON-CONTACT COOLING WATER - MEASURE TEMPERATURE PH AND FLOW MONTHLY.

4l.

YES/NO

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

Explain:

4m.

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

The WPNSTA Yorktown recycling facility has been sized to accommodate possible future expansion. No new expansions/upgrades through FY 1997 are currently programmed.

The WPNSTA Yorktown IWTP is sized for present station requirements, and has limited expansion capability. No expansion or upgrade projects are currently programmed.

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

No. Facility capacity limitations have been figured into the design, construction and modifications for present and future identified needs.

5. AIR POLLUTION

5a.

<p>What is the name of the Air Quality Control Areas (AQCAs) in which the base is located? Hampton Roads Intrastate Air Quality Control Region (Region 6)</p>
<p>Is the installation or any of its OLFs or non-contiguous base properties located in different AQCAs? <u>NO</u> . List site, location and name of AQCA.</p>

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.

Site: WPNSTA Yorktown AQCA: Va. (Region 6)

Pollutant	Attainment	Non-Attainment	Maintenance	Target Attainment Year ¹	Comments ²
CO	X				
Ozone		X (Marginal)		2000 /*1	*2
PM-10	X				
SO ₂	X				
NO ₂	X				
Pb	X				

*1 - The year 2000 is based on moderate attainment area

*2 - Currently, WPNSTA Yorktown is in an ozone marginal attainment area. However, within the year we will be in an ozone moderate attainment area.

- 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	1.08	Unknown	N/A	.14	1.22
NOx	11.19	Unknown	N/A	.57	11.19
VOC	0.06	Unknown	N/A	.01	0.07
PM10	2.44	Unknown	N/A	.06	2.50

Source Document: AP-42

1990 DATA

Permitted Stationary Sources: 2 Boiler Houses

Total Fuel Throughput: 407,000 gallons

Fuel Grade: #6

Emission Calculations:

CO: $(5)(407) = 2035/2000 = 1.08$ TPY

NOX: $(55)(407) = 22385/2000 = 11.19$ TPY

VOC: $(.28)(407) = 114/2000 = .06$ TPY

PM10: $(12)(407) = 4884/2000 = 2.44$ TPY

OTHER MOBILE SOURCES: 1 Portable/Temp. Boiler

Total Fuel Throughput: 57,000 Gallons

Fuel Grade: #6

Emission Calculations:

CO: $(5)(57) = 285/2000 = .1425$ TPY

NOX: $(20)(57) = 1140/2000 = .57$ TPY

VOC: $(.2)(57) = 11.4/2000 = .006$ TPY

PM10: $(2)(57) = 114/2000 = .06$ TPY

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	Total
CO	1.53	Unknown	N/A	.30	1.83
NOx	16.83	Unknown	N/A	1.21	18.04
VOC	.09	Unknown	N/A	.01	0.10
PM10	3.37	Unknown	N/A	.121	3.48

Source Document: AP-42

1993 DATA

Permitted Stationary Sources: 7 Boilers total

Total Fuel Throughput of #5: 612,000 gallons

Total Fuel Throughput of #2: 121,000 gallons

Emission Calculations: #5

CO: (5)(612) = 3060/2000 = 1.53 TPY

NOX: (55)(612) = 33660/2000 = 16.83 TPY

VOC: (.28)(612) = 171/2000 = .09 TPY

PM10: (12)(612) = 7344/2000 = 3.67 TPY

Emission Calculations: #2

CO: (5)(121) = 605/2000 = .30 TPY

NOX: (20)(121) = 2420/2000 = 1.21 TPY

VOC: (.2)(121) = 24.2/2000 = .01 TPY

PM10: (2)(121) = 242/2000 = .121 TPY

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.

Installation of new boilers - installation of 2 ace package boilers.

We anticipate our mission to remain fairly constant over the next 6 years source construction is on the decline.

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

Our base is located in the Hampton Roads Ozone Non-attainment area (marginal), soon to be moderate.

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.

In order to construct/operate several sources at our facility, we have had to obtain permits.

Sometimes construction has been delayed while we applied for the permit. On an average, the permitting process takes 4-6 months. In order to avoid delays in the future, all drawings prior to the bid process should be submitted to our office so that we can start the permitting process as soon as possible. We have accepted restrictions in our permits to avoid PSD classification.

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?

WPNSTA Yorktown does not have ERC's. For new source review or prevention, we are required an off set ratio of 1.15 to 1. Because of down sizing, a potential exists for receiving ERC's.

6. ENVIRONMENTAL COMPLIANCE

R

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 cost included in question 6c. For the last two columns provide the combined total for those two FY's.

Program	Survey Completed?	Costs in \$K to correct deficiencies						
		FY94	FY95	FY96	FY97	FY98-99	FY00-01	
Air	YES	2,571	4,860	3,719	2,413	3,258	3,258	R 12/5/94
Hazardous Waste	YES	991	827	740	566	775	775	R 12/5/94
Safe Drinking Water Act	NO	374	4,650	1,850	2,250	2,281	2,281	
PCBs	YES	897	-	-	-	-	-	
Other (non-PCB) Toxic Substance Control Act(ASBESTOS)	YES	221	221	221	221	221	221	
Lead Based Paint *	NO	-	-	-	-	-	-	
Radon	NO	10	-	-	-	-	-	
Clean Water Act	YES	2,169	2,857	2,030	856	1,712	1,712	R 12/5/94
Solid Waste	NO	218	197	456	226	284	284	R 12/5/94
Oil Pollution Act	YES	30	1,150	-	-	-	-	
USTs	YES	102	4,065	800	900	1,467	1,467	
Other	YES	2,672	2,084	1,628	1,245	1,855	1,855	R 12/5/94
Total		10,255	20,911	11,444	8,677	11,853	11,853	R 12/5/94

NOTE: Table data revised 12-5-94.

* The Station has no formal Lead Abatement Program; lead is removed by construction contracts on a project-by-project basis, as required.

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

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 cost included in question 6c. For the last two columns provide the combined total for those two FY's.

Program	Survey Completed?	Costs in \$K to correct deficiencies					
		FY94	FY95	FY96	FY97	FY98-99	FY00-01
Air	YES	2,571	4,860	3,719	1,863	3,253	3,253
Hazardous Waste	YES	991	802	740	566	775	775
Safe Drinking Water Act	NO	374	4,650	1,850	2,250	2,281	2,281
PCBs	YES	897	-	-	-	-	-
Other (non-PCB) Toxic Substance Control Act(ASBESTOS)	YES	221	221	221	221	221	221
Lead Based Paint *	NO	-	-	-	-	-	-
Radon	NO	10	-	-	-	-	-
Clean Water Act	YES	2,169	2,857	2,030	506	1,891	1,891
Solid Waste	NO	230	222	456	226	284	284
Oil Pollution Act	YES	30	1,150	-	-	-	-
USTs	YES	102	4,065	800	900	1,467	1,467
Other	YES	2,478	2,085	1,628	1,245	1,859	1,859
Total		9,842	20,691	11,223	7,556	11,810	11,810

* The Station has no formal Lead Abatement Program; lead is removed by construction contracts on a project-by-project basis, as required.

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

✓ R

6b.

Does your base have structures containing asbestos? YES What % of your base has been surveyed for asbestos? 100% Are additional surveys planned? NO What is the estimated cost to remediate asbestos (\$K) \$78,635. Are asbestos survey costs based on encapsulation, removal or a combination of both?

Combination

Source: Asbestos Survey Report for Naval Weapons Station

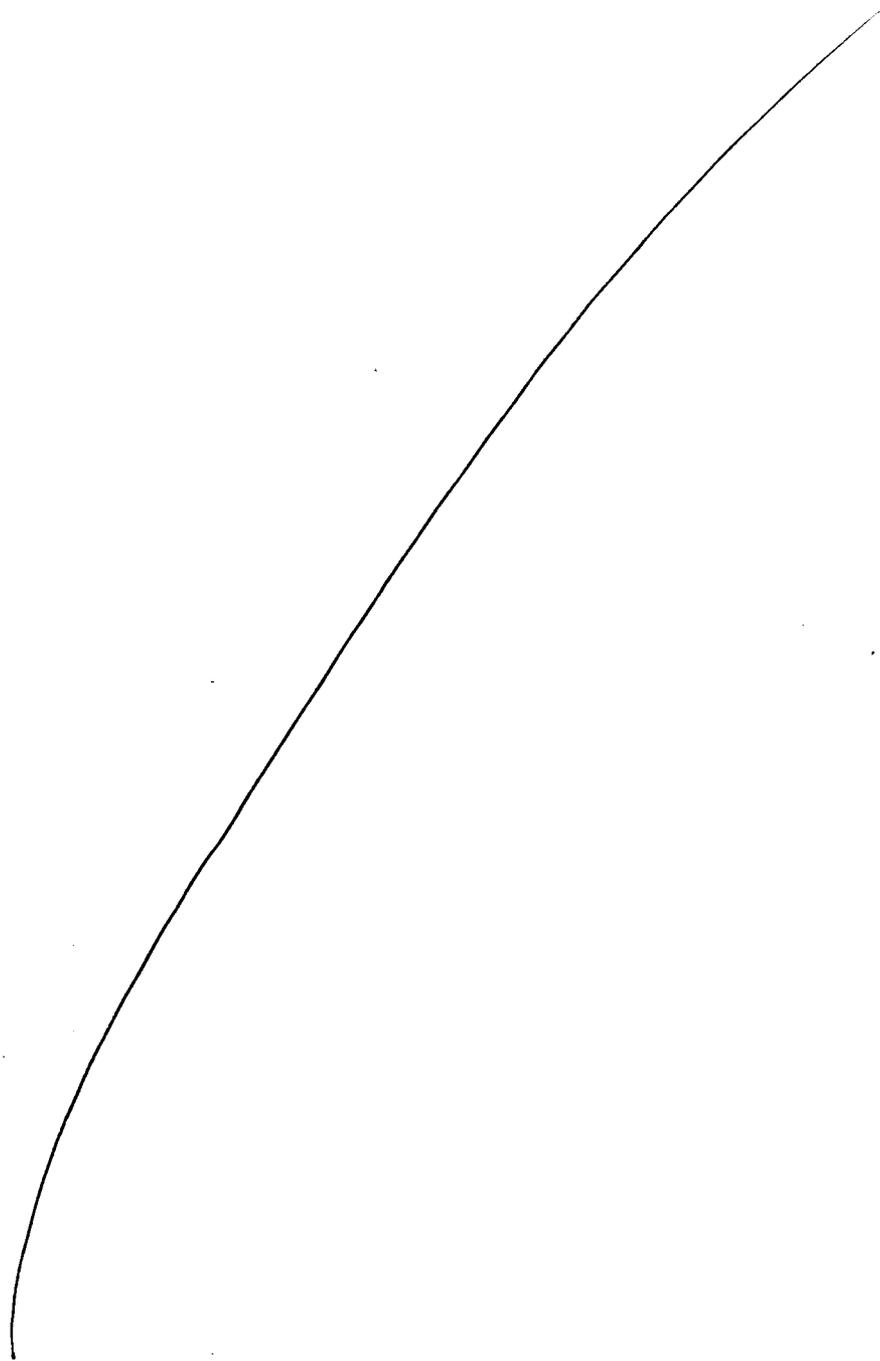
Yorktown prepared by Roy F Weston Inc., Virginia Beach, VA, WESTON Work Order No. 5622-01-07 & 08, Contract No. 62470-78-D-8962, Volumes 1 -15.

} R 12/5/94

NOTE: Source information added 12-5-94.

6b.

Does your base have structures containing asbestos? YES What % of your base has been surveyed for asbestos? 100% Are additional surveys planned? NO What is the estimated cost to remediate asbestos (\$K) \$78,635. Are asbestos survey costs based on encapsulation, removal or a combination of both? Combination



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

Funding Source	FY92	FY93	FY94	FY95	FY96	FY97	FY98-99	FY00-01
O&MN	-	-	-	-	-	-	-	-
HA	-	-	-	-	-	-	-	-
PA	1,200	45	-	-	-	-	-	-
Other O&MN (specify)								
Other (specify) DBOF	895	5,990	9,842	20691	11,223	7,556	11,810	11810
DERA (UST)	25	70	603	500	400	200	100	100
TOTAL	2,120	6,060	10,445	21,191	11,623	7,756	11,910	11,910

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/NO 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
IR Site #1 Dudley Rd. Landfill	CERCLA	YES	NO	NO	10 / FY 99	RI

IR Site #2 Turkey Rd. Landfill	CERCLA	NO	NO	NO	11 / FY 99	RI
IR Site #3 Group 16 Magazine Landfill	CERCLA	YES	NO	NO	2 / FY 99	RI
IR Site #4 Burning Pad Residue Landfill	CERCLA	YES	NO	NO	6.5 / FY 99	RI
IR Site #5 Surplus Transformer Storage Area	CERCLA	NO	NO	NO	2 / FY 99	ROD*
IR Site #6 Explosive Contaminated Wastewater Impoundment	CERCLA	YES	NO	NO	3.5 / FY 97-99	RI
IR Site #7 Plan 3 Contaminate Wastewater Discharge Are	CERCLA	YES	NO	NO	6.5 / FY 97-99	RI
IR Site #8 NEDED Explosive Contaminated	CERCLA	YES	NO	NO	7 / FY 97-99	RI

Wastewater Discharge Are						
IR Site #9 Plan 1 Explosive Contaminated Wastewater Discharge Are	CERCLA	YES	NO	NO	5 / FY 97	RI
IR Site #11 Abandoned Explosive Burning Pits	CERCLA	YES	NO	NO	2 / FY 98	RI
IR Site #12 Barricks Rd. Landfill	CERCLA	YES	YES	NO	8 / FY 98	RI
IR Site #16 West Road Landfill	CERCLA	YES	NO	NO	20 / FY 96	RI
IR Site # 17 Holm Road Landfill	CERCLA	NO	NO	NO	3 / FY 98	RI
IR Site # 18 Bldg. 476 Discharge Are	CERCLA	NO	NO	NO	3 / FY 98	RI
IR Site # 19 Conveyor Belt Soils @ Bldg. 110	CERCLA	YES	NO	NO	4 / FY 96	RI

IR Site # 21 Battery & Drum Disposal Area	CERCLA	YES	NO	NO	7 /FY 96	RI
SSA **1 Bldg. 428 Teague Rd Disposal Area	CERCLA	NO Data	NO Data	NO Data	? / FY 98	PA/SI
SSA 2 Former EOD Area	CERCLA				FY 99	PA/SI
SSA 3 Fire Training Pits Vicinity	CERCLA				FY 97	PA/SI
SSA 4 Weapons Casing/Drum Disposal Area	CERCLA				FY 97	PA/SI
SSA 5 Bypass Road Landfill	CERCLA				FY 98	PA/SI
SSA 6 Aviatio Field Excavation Area Environs	CERCLA				FY 99	PA/SI
SSA 7 Bldg. 373 Rocket Plant /Group 1 Magazine/Mai Rd. Disposal	CA				FY 99	PA/SI

537 Discharge to Felgates Creek						
SSA 15 STP # Sludge Drying Beds And Discharge Are	CERCLA				FY 99	PA/SI
SSA 16 Bldg. 402 Metal Disposal Area And Environs	CA				FY 99	PA/SI
SSA 17 Bldg. 1456 MK 46 Waste Otto Fuel Tank	CA				FY 97	RI
SSA 18 Bldg. 1816 MK 48 Waste Otto Fuel Tank	CA				.3 / FY 97	RI
SSA 19 Bldg. Beaver Rd. Ponds 11 & 12 Drainage Area	CA				FY 98	PA/SI

* Record of Decision - No Action/Action Complete

** SSA = Site Screening Area - Sites identified by visual site inspection under RCRA and Epic photography which may have contamination; to date, no data is available.

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.

Unable to determine at this time.

7d.

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

State scope and expected length of pump and treat operation.

7e.

Has a RCRA Facilities Assessment been performed for your base?	YES/NO YES
--	---------------

Visual Site Inspection performed by EPA Region III in Sept. 92

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

Yes, WPNSTA Yorktown opened a hazardous material distribution center in January 1994. Its purpose is to consolidate acquisition of hazardous materials used by departments and tenants in order to reduce volume of materials used and resulting waste generated. The total square footage of the building is 13,500 SQ. FT. Currently, only 2 shops are using the facility but a phased approach will eventually incorporate all departments and tenants shops. Restrictions include stowage requirements, sprinkler systems, handicap ramp access, and explosive-proof windows and lighting. Class 1A materials (i.e., materials with a flash point of < 70 degrees F) will be stored in flammable lockers, placed in groups of three with a distance of 25 feet between groups. A waiver to operate without a sprinkler system is in place until Dec. 95 by which time a system will be installed.

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

Yes. Building 402. Building 402 is a 4500 sq ft building divided into eight bays. The bays are separated by a 5 foot high concrete block wall to facilitate secondary containment. Maximum storage capacity is 232 fifty-five gallon drums or approximately 12,760 gallons (without stacking). Building 402 is not authorized to store explosive hazardous waste (EHW). Building 402 permit conditions allow for storage of hazardous waste for up to one year. This facility currently operates under interim status.

Magazine 16FC15 - is a scrap explosive storage magazine with an area of 480 sq ft. There are no seams or expansion joints to allow nay leakage. The doorway has a 6 inch high curb to allow for 240 cubic feet (1795 gallons) of secondary containment. Magazine 16FC15 only stores explosive scrape. No liquids are authorized. Permit conditions allow for storage of EHW for up to one year. This facility currently operates under interim status.

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.

N/A - These facilities not addressed under IR program.

7i.

Do the results of any radiological surveys conducted indicate limitations on future land use? Explain below.	NO
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7j. Have any base operations or development plans been restricted due to Installation Restoration considerations.

NO

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

NO

8. LAND / AIR / WATER USE

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

Parcel Descriptor	Acres	Location
MAIN SITE	10,633.49	YORKTOWN, VA.
LITTLE MUMFORD ISLAND	2.00	GLOUCESTER

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.)		IMPROVED 301.47 SEMI-IMPROVED 1341.21 TOTAL 1642.68
Total Undeveloped (areas that are left in their natural state but are under specific environmental development constraints, i.e.: wetlands, endangered species, etc.)		Wetlands: 595
		All Others:0
Total Undeveloped land considered to be without development constraints, but which may have operational/man caused constraints (i.e.: HERO, HERF, HERP, ESQD, AICUZ, etc.) TOTAL		9723
Total Undeveloped land considered to be without development constraints		0
Total Off-base lands held for easements/lease for specific purposes		1.87
Breakout of undeveloped, restricted areas. Some restricted areas may overlap:	ESQD	9319
	HERF	
	HERP	
	HERO	109
	AICUZ	
	Airfield Safety Criteria	
	Other	295

NOTE: Wetlands data revised 12-5-94. See support data marked DC #33 2a.

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

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

N/A

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.)		IMPROVED 301.47 SEMI-IMPROVED 1341.21 TOTAL 1642.68
Total Undeveloped (areas that are left in their natural state but are under specific environmental development constraints, i.e.: wetlands, endangered species, etc.)		Wetlands: 249.92
		All Others:0
Total Undeveloped land considered to be without development constraints, but which may have operational/man caused constraints (i.e.: HERO, HERF, HERP, ESQD, AICUZ, etc.) TOTAL		9723
Total Undeveloped land considered to be without development constraints		0
Total Off-base lands held for easements/lease for specific purposes		1.87
Breakout of undeveloped, restricted areas. Some restricted areas may overlap:	ESQD	9319
	HERF	
	HERP	
	HERO	109
	AICUZ	
	Airfield Safety Criteria	
	Other	295

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

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

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. N/A

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.

Navigational Channels/ Berthing Areas	Location / Description	Maintenance Dredging Requirement			
		Frequency	Volume (MCY)	Current Project Depth (FT)	Cost (\$M)
BERTHING	WPNSTA YORKTOWN PIER 3	10-12 YRS	.47	-42	2.5

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

None, Pier R-3 was dredged 1/94

8h.

Are there available designated dredge disposal areas for maintenance dredging material? List location, remaining capacity, and future limitations.	12 MILES OFF SHORE
Are there available designated dredge disposal areas for new dredge material? List location, remaining capacity, and future limitations.	NO
Are the dredged materials considered contaminated? List known contaminants.	NO

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

NONE

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

Erosion and sediment control problems as a result of new construction and denuded areas.

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 <i>current or future operations or activities</i> ? Explain the nature and extent of restrictions.	YES/NO NO
---	--------------

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

NONE

9. WRAPUP

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

NO

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

NO

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.

NONE

POLLUTION CONTROL REPORT EXHIBIT

Project Number:
Media: AIR

EFD: LANTDIV

UIC: N00109

Project Title: AIR EMISSIONS PHASE I, II, III, IV, V.
Activity: NAVAL WEAPONS STATION

Funding Command: ACT

Status: STUDY

APPN: DBOF
SUBAPPN:

Activity IPN: 09EAEP5

EFD IPN:

Budget
Class: 2

ESTIMATED COSTS OF POLLUTION CONTROL MEASURES

Fiscal Year	Design Amount	Design Funded	Construction/Study Amount	Construction/Study Funded
1993	0	0	100,000	100,000
1994	0	0	428,646	428,646
1995	0	0	550,000	0

AGENCY PROJECT SCHEDULE DATES

Design Start:

Design Completion:

Construction Start: 05/1993

Construction Completion: 04/1995

Final Compliance:

(Date Navy estimates compliance to be obtained.)

Regulatory Final Compliance:

(Date final compliance must be obtained to satisfy permit requirements/reg date.)

Pollutant Category: HAZD

Compliance Status Code: ESDF

Project Assessment: HIGH

Legal Action Code:

Various Locations: NO

PROBLEM STATEMENT

Description Line 1: All major sources must submit and maintain an
Description Line 2: operating permit for emission sources. These
Description Line 3: sources contribute HAPS, and criteria pollutants.

Once sources are permitted, facilities could possibly be required to reduce all their air emissions. If emission reduction is required, pollution control equipment would be required.
(HAPS - Hazardous Air Pollutants)
.....

REMEDIAL ACTION

Description Line 1: Efforts to achieve compliance with Title V through
Description Line 2: a 5 step approach has been developed, inventory,
Description Line 3: quantity, permit application, design/installation.

These efforts to achieve compliance will be accomplished through a 5 phase approach. These are;
Phase I: Inventory all air emission sources.
Phase II: Calculate/Quantify all air emission.
Phase III: Complete permit application and submit to DEQ.
Phase IV: Design pollution control equipment.
Phase V: Install pollution control equipment.
.....

APPLICABLE STANDARDS

Description Line 1: Clean Air Act (CAA) of 1990 Title V
Description Line 2:
Description Line 3:
.....

OTHER PCR INFORMATION

Activity POC: POLLY KENDALL Activity A/V: -953-7818
Date of Step II: / / EIC A/V:
EFD EIC: Engineer A/V:
NAVFACHO Rev Eng:

POLLUTION CONTROL REPORT EXHIBIT

Project Number:

Media: AIR

EFD: LANTDIV

UIC: N00109

Project Title: NATURAL GAS CONVERSION

Activity: NAVAL WEAPONS STATION

Funding Command: ACT

Status: CONSTR

APPN: DBOF

SUBAPPN:

Activity IPN: 0929093

EFD IPN:

Budget

Class: 1A

ESTIMATED COSTS OF POLLUTION CONTROL MEASURES

Fiscal Year	Design		Construction/Study	
	Amount	Funded	Amount	Funded
1993	79,376	79,376	0	0
1994	0	0	348,000	0

AGENCY PROJECT SCHEDULE DATES

Design Start: 10/1992
 Design Completion: 02/1993
 Construction Start: 06/1993
 Construction Completion: 11/1994
 Final Compliance:

(Date Navy estimates compliance to be obtained.)
 (Date final compliance must be obtained to satisfy permit requirements/reg date.)

Regulatory Final Compliance:

Pollutant Category: HAZD
 Project Assessment: HIGH
 Various Locations: NO

Compliance Status Code: CMPA
 Legal Action Code:

PROBLEM STATEMENT

Description Line 1: Heating oil currently used produces sulphur
Description Line 2: dioxide emissions when burned in boilers.
Description Line 3:

The Station pays a fee for emissions from heating plants. These fees
are expected to increase when operating permit is implemented in 1994 or
1995. Sulphur dioxide emissions result from boiler heating operations.

REMEDIAL ACTION

Description Line 1: WPNSTA Yorktown is in the process of converting
Description Line 2: boilers to natural gas which will provide the
Description Line 3: capability to burn either fuel oil or natural gas.

Natural gas will benefit the environment by producing less sulphur dioxide
emissions. Dual fuel capability is advantageous in the event oil supplies
are cut off or reduced in the future.

APPLICABLE STANDARDS

Description Line 1: Clean Air Act
Description Line 2:
Description Line 3:

OTHER PCR INFORMATION

Activity POC: POLLY KENDALL
Date of Step II: / /
EFD EIC:
NAVFACHO Rev Eng:

Activity A/V: -953-4881
EIC A/V:
Engineer A/V:

POLLUTION CONTROL REPORT EXHIBIT

Project Number:

Media: AIR

EFD: LANTDIV

UIC: N00109

Project Title: REFRIGERANT REDUCTION

Activity: NAVAL WEAPONS STATION

Funding Command: ACT

Status: DES

APPN: DBOF

SUBAPPN:

Activity IPN: 0904394

EFD IPN:

Budget

Class: 2

ESTIMATED COSTS OF POLLUTION CONTROL MEASURES

Fiscal Year	Design		Construction/Study	
	Amount	Funded	Amount	Funded
1994	379,054	379,054	917,200	917,200
1995	0	0	3,700,000	0
1996	0	0	2,500,000	0
1997	0	0	1,750,000	0

AGENCY PROJECT SCHEDULE DATES

Design Start: 01/1994
 Design Completion: 06/1994
 Construction Start: 08/1994
 Construction Completion: 08/1995
 Final Compliance:

(Date Navy estimates compliance to be obtained.)

Regulatory Final Compliance:

(Date final compliance must be obtained to satisfy permit requirements/reg date.)

Pollutant Category: MOBL
 Project Assesment: MEDIUM
 Various Locations: NO

Compliance Status Code: PSDF
 Legal Action Code:

PROBLEM STATEMENT

Description Line 1: Current HVAC and refrigerant systems contain CFC's
Description Line 2: that require replacing to comply with
Description Line 3: environmental regulations.

These HVAC and refrigerant systems contain CFC's. Some systems are checked for leaks daily, and some are checked weekly. The majority of the HVAC systems are below 50 lbs. Problem systems are isolated, reclaimed, repaired and recharged.

REMEDIAL ACTION

Description Line 1: WPNSTA Yorktown is in the process of replacing
Description Line 2: HVAC and refrigerant systems containing Class I
Description Line 3: ozone depleting refrigerants.

This project will replace HVAC and refrigerant systems with Class I ozone depleting refrigerants with suitable substitutes allowed by EPA.

APPLICABLE STANDARDS

Description Line 1: EPA Stratosphere Ozone Protection Regulations.
Description Line 2: Executive Order 12843
Description Line 3: OPNAVINST 5090.1A / 5090.2

OTHER PCR INFORMATION

Activity POC: BEV THOMPSON
Date of Step II: / /
EFD EIC:
NAVFACHO Rev Eng:

Activity A/V: -953-4124
EIC A/V:
Engineer A/V:

POLLUTION CONTROL REPORT EXHIBIT

Project Number:
Media: AIR

EFD: LANTDIV

UIC: N00109

Project Title: PROCURE CFC RECOVERY EQUIPMENT
Activity: NAVAL WEAPONS STATION

Funding Command: ACT

Status: COMPL

APPN: DBOF
SUBAPPN:

Activity IPN: PWEQ-2

EFD IPN:

Budget
Class: 3

ESTIMATED COSTS OF POLLUTION CONTROL MEASURES

Fiscal Year	Design Amount	Funded	Construction/Study Amount	Funded
1994	0	0	18,643	18,643

AGENCY PROJECT SCHEDULE DATES

Design Start:

Design Completion:

Construction Start: 02/1994

Construction Completion: 04/1994

Final Compliance:

(Date Navy estimates compliance to be obtained.)

Regulatory Final Compliance:

(Date final compliance must be obtained to satisfy permit requirements/reg date.)

Pollutant Category:

Project Assessment:

Various Locations: NO

Compliance Status Code: ESRO

Legal Action Code:

PROBLEM STATEMENT

Description Line 1: A recycling program for ozone depleting refrigera-
Description Line 2: nts recovered during servicing and disposal of air
Description Line 3: conditioning/refrigerant equipment be maintained.

Equipment needed to comply with EPA regulations on ozone depleting
refrigerants while servicing or disposing of air conditioning and
refrigerant equipment.

.....

REMEDIAL ACTION

Description Line 1: Recycling and leak detection of ozone depleting
Description Line 2: refrigerants during servicing/disposal is being
Description Line 3: performed to prevent releases into the atmosphere.

Equipment procured allows for recycling of ozone depleting refrigerants.
Equipment includes leak detection and charging capabilities.

.....

APPLICABLE STANDARDS

Description Line 1: 40 CFR Part 82
Description Line 2:
Description Line 3:

.....

OTHER PCR INFORMATION

Activity POC: JACK SMITH
Date of Step II: / /
EFD EIC:
NAVFACHO Rev Eng:

Activity A/V: -953-4353
EIC A/V:
Engineer A/V:

POLLUTION CONTROL REPORT EXHIBIT

Project Number:
Media: MULTI-MEDIA

EFD: LANTDIV

UIC: N00109

Project Title: PREPARE POLLUTION PREVENTION PLAN
Activity: NAVAL WEAPONS STATION

Funding Command: ACT

Status: STUDY

APPN: DBOF
SUBAPPN:

Activity IPN: 09EPPPP

EFD IPN:

Budget
Class: 2

ESTIMATED COSTS OF POLLUTION CONTROL MEASURES

Fiscal Year	Design Amount	Funded	Construction/Study Amount	Funded
1994	0	0	50,000	50,000

AGENCY PROJECT SCHEDULE DATES

Design Start:
Design Completion:
Construction Start: 06/1994
Construction Completion: 09/1994
Final Compliance: 12/1995 (Date Navy estimates compliance to be obtained.)
Regulatory Final Compliance: (Date final compliance must be obtained to satisfy permit requirements/reg date.)

Pollutant Category: HAZD
Project Assessment: HIGH
Various Locations: NO

Compliance Status Code: PSDF
Legal Action Code:

PROBLEM STATEMENT

Description Line 1:
Description Line 2:
Description Line 3:

.....

REMEDIAL ACTION

Description Line 1: Implementation of source reduction practices, safe
Description Line 2: alternatives to extremely haz/toxic substances,
Description Line 3: and a detailed material and processes audit.

WPNSTA Yorktowns Pollution Prevention Plan will establish a plan and goals for eliminating or reducing the unnecessary acquisition of products containing extremely hazardous substances or toxic chemicals. Including a plan and goal for voluntarily reducing it's own manufacturing, processing and use of hazardous substances and toxic chemicals.

.....

APPLICABLE STANDARDS

Description Line 1: DOD Directive 4210.15
Description Line 2: Executive Order no. 12856
Description Line 3: Federal Facilities Compliance Act

.....

OTHER PCR INFORMATION

Activity POC:	MELISSA FORREST	Activity A/V:	-953-4641
Date of Step II:	/ /	EIC A/V:	
EFD EIC:		Engineer A/V:	
NAVFACHO Rev Eng:			

POLLUTION CONTROL REPORT EXHIBIT

Project Number:
Media: MULTI-MEDIA

EFD: LANTDIV

UIC: N00109

Project Title: PREPARE ENVIRONMENTAL TRAINING PLAN
Activity: NAVAL WEAPONS STATION

Funding Command: ACT

Status: STUDY

APPN: DBOF
SUBAPPN:

Activity IPN: 09EPETP

EFD IPN:

Budget
Class: 3

ESTIMATED COSTS OF POLLUTION CONTROL MEASURES

Fiscal Year	Design Amount	Design Funded	Construction/Study Amount	Construction/Study Funded
1994	0	0	47,500	47,500

AGENCY PROJECT SCHEDULE DATES

Design Start:
Design Completion:
Construction Start: 04/94
Construction Completion: 07/94
Final Compliance:

(Date Navy estimates compliance to be obtained.)

Regulatory Final Compliance:

(Date final compliance must be obtained to satisfy permit requirements/reg date.)

Pollutant Category: HAZD
Project Assessment: HIGH
Various Locations: NO

Compliance Status Code: OTHR
Legal Action Code:

PROBLEM STATEMENT

Description Line 1: WPNSTA Yorktown requires a comprehensive
Description Line 2: Environmental Training Plan to satisfy Federal
Description Line 3: Local, and Navy environmental training requirements

An in depth evaluation of the environmental program areas need to be developed requiring documentation of the training of workers. Mandated training requirements with status of compliance is required.

REMEDIAL ACTION

Description Line 1: Three categories of required training; common, core
Description Line 2: and specialized will be identified and subdivided
Description Line 3: into regulatory, mandated, or nonregulated mandated

This training will include all site personnel, both technical and administrative, general training on a specific area, and specific in depth training that is required of personnel that perform duties exceeding general knowledge requirements. Included in the training plan will be a specialized database for tracking and documenting training of Naval Weapons Station personnel.

APPLICABLE STANDARDS

Description Line 1: OPNAVINST 5090.1A
Description Line 2:
Description Line 3:

OTHER PCR INFORMATION

Activity POC: CAROLYN NEILL
Date of Step II: / /
EFD EIC:
NAVFACHO Rev Eng:

Activity A/V: -953-4707
EIC A/V:
Engineer A/V:

POLLUTION CONTROL REPORT EXHIBIT

Project Number:
Media: MULTI-MEDIA

EFD: LANTDIV

UIC: N00109

Project Title: CONDUCT ENVIRONMENTAL COMPLIANCE EVALUATION
Activity: NAVAL WEAPONS STATION

Funding Command: ACT

Status: STUDY

APPN: DBOF
SUBAPPN:

Activity IPN: 09ECECE

EFD IPN:

Budget
Class: 3

ESTIMATED COSTS OF POLLUTION CONTROL MEASURES

Fiscal Year	Design Amount	Design Funded	Construction/Study Amount	Construction/Study Funded
1994	0	0	50,000	50,000

AGENCY PROJECT SCHEDULE DATES

Design Start:

Design Completion:

Construction Start: 12/1993

Construction Completion: 04/1994

Final Compliance:

(Date Navy estimates compliance to be obtained.)

Regulatory Final Compliance:

(Date final compliance must be obtained to satisfy permit requirements/reg date.)

Pollutant Category: HAZD
Project Assesment: HIGH
Various Locations: NO

Compliance Status Code: OTHR
Legal Action Code:

PROBLEM STATEMENT

Description Line 1: Development of plan, schedules, and instructions for
Description Line 2: maintaining compliance with laws and regs without
Description Line 3: compromising NWS's mission, requires establishment

Environmental laws and regulations promulgated by DOD, Navy, Federal Government and the State of Virginia and the operations that must comply with them require identifying. All station personnel must be educated about environmental constraints and how to address these constraints when accomplishing their mission objectives.

REMEDIAL ACTION

Description Line 1: The ECE will evaluate NWS's environmental programs
Description Line 2: and facilities for compliance. Review processes &
Description Line 3: materials that generate haz/toxic waste emissions.

This evaluation will ensure that the management of hazardous and toxic materials and waste is in accordance with Federal, State, Local, and Navy regulations, and ensure that the installation can accomplish it's mission with minimal impact to the environment.

APPLICABLE STANDARDS

Description Line 1: OPNAVINST 5090.1A
Description Line 2:
Description Line 3:

OTHER PCR INFORMATION

Activity POC: CAROLYN NEILL
Date of Step II: / /
EFD EIC:
NAVFACHO Rev Eng:

Activity A/V: -953-4707
EIC A/V:
Engineer A/V:

POLLUTION CONTROL REPORT EXHIBIT

Project Number:
Media: MULTI-MEDIA

EFD: LANTDIV

UIC: N00109

Project Title: HYDROGEOLOGICAL STUDY
Activity: NAVAL WEAPONS STATION

Funding Command: ACT

Status: STUDY

APPN: DBOF
SUBAPPN:

Activity IPN: 09EHYDO

EFD IPN:

Budget
Class: 1A

ESTIMATED COSTS OF POLLUTION CONTROL MEASURES

Fiscal Year	Design		Construction/Study	
	Amount	Funded	Amount	Funded
1994	0	0	50,000	50,000

AGENCY PROJECT SCHEDULE DATES

Design Start:
Design Completion:
Construction Start: 05/1994
Construction Completion: 09/1994
Final Compliance:

(Date Navy estimates compliance to be obtained.)

Regulatory Final Compliance:

(Date final compliance must be obtained to satisfy permit requirements/reg date.)

Pollutant Category: GWAT
Project Assesment: MEDIUM
Various Locations: NO

Compliance Status Code: CMPA
Legal Action Code:

PROBLEM STATEMENT

Description Line 1: Current inventory of groundwater data needs
Description Line 2: assessing to assess extent of additional data
Description Line 3: for a facility wide groundwater assessment.

Current information from existing monitoring wells needs to reviewing to determine what additional data may be required and additional wells needed.
.....

REMEDIAL ACTION

Description Line 1: Research and collect groundwater records and
Description Line 2: identify where additional data is needed to
Description Line 3: implement a multi-phase hydrogeological assessment

The study plan is to include an assessment of existing groundwater data and outline additional data needs to implement a facility wide hydrogeological assessment. It shall contain specifics for the types of additional data needed and proposed locations for additional wells.
First phase of a planned multi-phase study
.....

APPLICABLE STANDARDS

Description Line 1: CERCLA / RCRA
Description Line 2:
Description Line 3:
.....

OTHER PCR INFORMATION

Activity POC: JEFF HARLOW
Date of Step II: / /
EFD EIC:
NAVFACHO Rev Eng:

Activity A/V: -953-4537
EIC A/V:
Engineer A/V:

POLLUTION CONTROL REPORT EXHIBIT

Project Number:
Media: TSCA

EFD: LANTDIV

UIC: N00109

Project Title: PCB TRANSFORMER REPLACEMENT
Activity: NAVAL WEAPONS STATION

Funding Command: ACT

Status: CONSTR

APPN: DBOF
SUBAPPN:

Activity IPN: 09315-3

EFD IPN:

Budget
Class: 2

ESTIMATED COSTS OF POLLUTION CONTROL MEASURES

Fiscal Year	Design		Construction/Study	
	Amount	Funded	Amount	Funded
1994	63,000	63,000	886,183	11,183
1995	0	0	935,000	0

AGENCY PROJECT SCHEDULE DATES

Design Start: 11/1993
Design Completion: 02/1994
Construction Start: 05/1994
Construction Completion: 05/1995
Final Compliance:

(Date Navy estimates compliance to be obtained.)

Regulatory Final Compliance: 12/98

(Date final compliance must be obtained to satisfy permit requirements/reg date.)

Pollutant Category: PCB
Project Assesment: MEDIUM
Various Locations: NO

Compliance Status Code: ESDF
Legal Action Code:

PROBLEM STATEMENT

Description Line 1: Transformers contaminated with PCB's.
Description Line 2:
Description Line 3:

Pollution consist of PCB's in electrical transformers. Leaks from transformers could result in possible contamination of soil, surface and groundwater. Quarterly inspections are performed to reduce the probability of leakage. If leakage occurs, daily inspections are performed to reduce the risk of contamination.
.....

REMEDIAL ACTION

Description Line 1: Remove existing PCB contaminated transformers and
Description Line 2: all related hardware and poles. Replace with
Description Line 3: non- PCB transformers.

Replacement of PCB transformers will eliminate the PCB problem in transformers station wide
.....

APPLICABLE STANDARDS

Description Line 1: 5090.1A Chapter 9 Section 9-5.8
Description Line 2:
Description Line 3:
.....

OTHER PCR INFORMATION

Activity POC: ALLEN SIMMONS Activity A/V: -953-4536
Date of Step II: / /
EFD EIC: EIC A/V:
NAVFACHO Rev Eng: Engineer A/V:

POLLUTION CONTROL REPORT EXHIBIT

Project Number:
Media: TSCA

EFD: LANTDIV

UIC: N00109

Project Title: PCB TRANSFORMER REPLACEMENT
Activity: NAVAL WEAPONS STATION

Funding Command: ACT

Status: CONSTR

APPN: DBOF
SUBAPPN:

Activity IPN: 09315-3

EFD IPN:

Budget
Class: 2

ESTIMATED COSTS OF POLLUTION CONTROL MEASURES

Fiscal Year	Design Amount	Design Funded	Construction/Study Amount	Construction/Study Funded
1994	63,000	63,000	886,183	11,183
1995	0	0	935,000	0

AGENCY PROJECT SCHEDULE DATES

Design Start: 11/1993
Design Completion: 02/1994
Construction Start: 05/1994
Construction Completion: 05/1995
Final Compliance:

(Date Navy estimates compliance to be obtained.)

Regulatory Final Compliance: 12/98

(Date final compliance must be obtained to satisfy permit requirements/reg date.)

Pollutant Category: PCB
Project Assesment: MEDIUM
Various Locations: NO

Compliance Status Code: ESDF
Legal Action Code:

PROBLEM STATEMENT

Description Line 1: Transformers contaminated with PCB's.
Description Line 2:
Description Line 3:

Pollution consist of PCB's in electrical transformers. Leaks from transformers could result in possible contamination of soil, surface and groundwater. Quarterly inspections are performed to reduce the probability of leakage. If leakage occurs, daily inspections are performed to reduce the risk of contamination.

.....

REMEDIAL ACTION

Description Line 1: Remove existing PCB contaminated transformers and
Description Line 2: all related hardware and poles. Replace with
Description Line 3: non- PCB transformers.

Replacement of PCB transformers will eliminate the PCB problem in transformers station wide

.....

APPLICABLE STANDARDS

Description Line 1: 5090.1A Chapter 9 Section 9-5.8
Description Line 2:
Description Line 3:

.....

OTHER PCR INFORMATION

Activity POC: ALLEN SIMMONS
Date of Step II: / /
EFD EIC:
NAVFACHO Rev Eng:

Activity A/V: -953-4536
EIC A/V:
Engineer A/V:

POLLUTION CONTROL REPORT EXHIBIT

Project Number:
Media: HAZ WASTE

EFD: LANTDIV

UIC: N00109

Project Title: PREPARE HAZARDOUS WASTE MANAGEMENT PLAN
Activity: NAVAL WEAPONS STATION

Funding Command: ACT

Status: STUDY

APPN: DBOF
SUBAPPN:

Activity IPN: 09EHWMP

EFD IPN:

Budget
Class: 3

ESTIMATED COSTS OF POLLUTION CONTROL MEASURES

Fiscal Year	Design Amount	Funded	Construction/Study Amount	Funded
1994	0	0	20,000	20,000

AGENCY PROJECT SCHEDULE DATES

Design Start:
Design Completion:
Construction Start: 04/1994
Construction Completion: 07/1994
Final Compliance:

(Date Navy estimates compliance to be obtained.)

Regulatory Final Compliance:

(Date final compliance must be obtained to satisfy permit requirements/reg date.)

Pollutant Category: HAZD
Project Assesment: HIGH
Various Locations: NO

Compliance Status Code: OTHR
Legal Action Code:

PROBLEM STATEMENT

Description Line 1: Hazardous waste storage and waste streams need
Description Line 2: identifying and assessment for Station operations,
Description Line 3: Safety and Environmental Programs.

WPNSTA Yorktown has a number of processes that generate hazardous waste. These waste streams produce various types of hazardous waste generated by different departments. The waste generated must be properly stored prior to disposal or treatment at an off-site TSD facility. Applicable Federal, State, and Local laws and regulations, policies, and directives must also be followed.

REMEDIAL ACTION

Description Line 1: A study is in progress to develop a Hazardous
Description Line 2: Waste Management Plan for the Station in
Description Line 3: accordance with applicable Navy regulations.

The study includes identifying applicable regulations, collect data and analyze existing operations. Form a baseline for identification and quantification of the Stations waste streams.

APPLICABLE STANDARDS

Description Line 1: RCRA
Description Line 2:
Description Line 3:

OTHER PCR INFORMATION

Activity POC: STEVE GODIO
Date of Step II: / /
EFD EIC:
NAVFACHO Rev Eng:

Activity A/V: -953-4536
EIC A/V:
Engineer A/V:

POLLUTION CONTROL REPORT EXHIBIT

Project Number:
Media: HAZ WASTE

EFD: LANTDIV

UIC: N00109

Project Title: AUTOMOTIVE VEHICLE MAINTENANCE FACILITY
Activity: NAVAL WEAPONS STATION

Funding Command: ACT

Status: STUDY

APPN: DBOF
SUBAPPN:

Activity IPN: P-518

EFD IPN:

Budget
Class: 1A

ESTIMATED COSTS OF POLLUTION CONTROL MEASURES

Fiscal Year	Design Amount	Design Funded	Construction/Study Amount	Construction/Study Funded
1994	0	0	150,000	150,000

AGENCY PROJECT SCHEDULE DATES

Design Start: 03/1994
Design Completion: 12/1994
Construction Start:
Construction Completion:
Final Compliance:

(Date Navy estimates compliance to be obtained.)

Regulatory Final Compliance:

(Date final compliance must be obtained to satisfy permit requirements/reg date.)

Pollutant Category: HAZD
Project Assessment: HIGH
Various Locations: NO

Compliance Status Code: CMPA
Legal Action Code:

PROBLEM STATEMENT

Description Line 1: Site of proposed new vehicle maintenance facility
Description Line 2: was used as a material storage area.
Description Line 3:

Specific type of pollution and treatment is to be determined through the site investigation and characterization of surface and subsurface soils.
.....

REMEDIAL ACTION

Description Line 1: WPNSTA Yorktown is in the process of having a site
Description Line 2: investigation and characterization done to find
Description Line 3: the extent of contamination and what they are.

This study will include remedial action recommendations.
.....

APPLICABLE STANDARDS

Description Line 1: RCRA 3008 H
Description Line 2: CERCLA 121
Description Line 3:
.....

OTHER PCR INFORMATION

Activity POC: VALERIA WALKER
Date of Step II: / /
EFD EIC:
NAVFACHO Rev Eng:

Activity A/V: -953-4537
EIC A/V:
Engineer A/V:

POLLUTION CONTROL REPORT EXHIBIT

Project Number:
 Media: HAZ WASTE EFD: LANTDIV UIC: N00109

Project Title: PROCURE ANTI-FREEZE RECOVERY EQUIPMENT
 Activity: NAVAL WEAPONS STATION

Funding Command: ACT Status: COMPL APPN: DBOF
 SUBAPPN:

Activity IPN: PWEQ-1 EFD IPN: Budget
 Class: 3

ESTIMATED COSTS OF POLLUTION CONTROL MEASURES

Fiscal Year	Design Amount	Design Funded	Construction/Study Amount	Construction/Study Funded
1994	0	0	24,100	24,100

AGENCY PROJECT SCHEDULE DATES

Design Start:
 Design Completion:
 Construction Start: 02/1994
 Construction Completion: 04/1994
 Final Compliance: (Date Navy estimates compliance to be obtained.)
 Regulatory Final Compliance: (Date final compliance must be obtained to satisfy permit requirements/reg date.)

Pollutant Category: Compliance Status Code: ESRO
 Project Assesment: Legal Action Code:
 Various Locations: NO

PROBLEM STATEMENT

Description Line 1: WPNSTA Yorktown generates anti-freeze from
Description Line 2: vehicles, heavy equipment, and machinery that
Description Line 3: must be disposed of.

Anti-freeze is replaced in vehicles, heavy equipment and machinery as
required or when repairs are necessary. This anti-freeze has been placed
in 55 gallon drums for proper disposal.

.....

REMEDIAL ACTION

Description Line 1: Procurement of 2 anti-freeze recovery units has
Description Line 2: eliminated or reduced the disposal process. Used
Description Line 3: anti-freeze can now be recycled for reuse.

Vehicles and equipment can reuse anti-freeze after being recycled.
Anti-freeze recovery units removes contaminates from anti-freeze and pumps
recycled anti-freeze back into the system. Conditioner is added to coolant
system after recycling. This process eliminates or reduces the disposal
and replacement cost of anti-freeze.

.....

APPLICABLE STANDARDS

Description Line 1:
Description Line 2:
Description Line 3:

.....

OTHER PCR INFORMATION

Activity POC: FUZZY HALL Activity A/V: -953-4529
Date of Step II: / /
EFD EIC: EIC A/V:
NAVFACHO Rev Eng: Engineer A/V:

PROBLEM STATEMENT

Description Line 1: Protection, inventory, conservation, archaeological
Description Line 2: testing and field checking needs to be established
Description Line 3: for Historical and Cultural Resources.

Archaeological testing is needed to determine National Register status.
Field checking is needed to verify existence and condition.

REMEDIAL ACTION

Description Line 1: WPNSTA Yorktown has projects ongoing to protect
Description Line 2: inventory, conserve artifacts, determine National
Description Line 3: Register status, and verify existence and condition

This project benefits inventory and preservation for Historical Resources.
Also, an enhanced Public appreciation for this Commands efforts in
protecting Historical Resources located on this Station.

APPLICABLE STANDARDS

Description Line 1: Legacy Resource Management Program
Description Line 2:
Description Line 3:

OTHER PCR INFORMATION

Activity POC: DAVE DAVIS
Date of Step II: / /
EFD EIC:
NAVFACHO Rev Eng:

Activity A/V: -953-4338
EIC A/V:
Engineer A/V:

POLLUTION CONTROL REPORT EXHIBIT

Project Number:
Media: HAZ WASTE

EFD: LANTDIV

UIC: N00109

Project Title: SOLID WASTE MANAGEMENT PLAN
Activity: NAVAL WEAPONS STATION

Funding Command: ACT

Status: STUDY

APPN: DBOF
SUBAPPN:

Activity IPN: 09ESWMP

EFD IPN:

Budget
Class: 2

ESTIMATED COSTS OF POLLUTION CONTROL MEASURES

Fiscal Year	Design Amount	Design Funded	Construction/Study Amount	Construction/Study Funded
1994	0	0	55,000	0

AGENCY PROJECT SCHEDULE DATES

Design Start:
Design Completion:
Construction Start: 05/1994
Construction Completion: 09/1994
Final Compliance:

(Date Navy estimates compliance to be obtained.)
(Date final compliance must be obtained to satisfy permit requirements/reg date.)

Regulatory Final Compliance:

Pollutant Category: STAT
Project Assesment: MEDIUM
Various Locations: NO

Compliance Status Code: ESDF
Legal Action Code:

PROBLEM STATEMENT

Description Line 1: Source reduction, recycling, composting and landfill-
Description Line 2: ling at WPNSTA Yorktown needs to be addressed
Description Line 3: including a plan with implementation instruction.

Areas that need addressing are current solid waste management regulations
solid waste generation/characterization, source reduction, recycling,
composting, handling requirements, landfill disposal, construction and
demolition waste, collection and transfer and public education.

.....

REMEDIAL ACTION

Description Line 1: The SWMP will outline roles and responsibilities
Description Line 2: modify or expand management goals and programs
Description Line 3: and document applicable Federal, State, Local regs.

A solid waste management plan will provide a draft instruction consolidating
existing WPNSTA Yorktown solid waste instructions for implementing the
solid waste management plan.

.....

APPLICABLE STANDARDS

Description Line 1: OPNAVINST 5090.1A
Description Line 2: SOLID WASTE MANAGEMENT GUIDE (NEESA 5.0-004)
Description Line 3: RCRA

.....

OTHER PCR INFORMATION

Activity POC: KAY PHILLIPS
Date of Step II: / /
EFD EIC:
NAVFACHO Rev Eng:

Activity A/V: -953-4535
EIC A/V:
Engineer A/V:

POLLUTION CONTROL REPORT EXHIBIT

Project Number:
Media: WATER

EFD: LANTDIV

UIC: N00109

Project Title: SANITARY SEWER LINES
Activity: NAVAL WEAPONS STATION

Funding Command: ACT

Status: CONSTR

APPN: DBOF
SUBAPPN:

Activity IPN: TVINSP

EFD IPN:

Budget
Class: 2

ESTIMATED COSTS OF POLLUTION CONTROL MEASURES

Fiscal Year	Design		Construction/Study	
	Amount	Funded	Amount	Funded
1994	0	0	732,000	732,000
1995	0	0	300,000	0
1996	0	0	350,000	0

AGENCY PROJECT SCHEDULE DATES

Design Start:
Design Completion:
Construction Start: 10/1993
Construction Completion: 12/1996
Final Compliance:

(Date Navy estimates compliance to be obtained.)

Regulatory Final Compliance:

(Date final compliance must be obtained to satisfy permit requirements/reg date.)

Pollutant Category: GWAT
Project Assesment: HIGH
Various Locations: NO

Compliance Status Code: PSDF
Legal Action Code:

PROBLEM STATEMENT

Description Line 1: The sewer system consists of leaking, deteriorated
Description Line 2: sewer lines, abandoned gravity lines, treatment
Description Line 3: plants and undersized sewage pump stations.

Organic compounds could seep into the surrounding water table and waterways
in violation of State Environmental standards because of crushed and
deteriorated pipes, severed offset joints and root intrusion, heavy
grease build-up, and lines with inadequate grades. TV inspection of parts
of this system needs to be accomplished to determine extent of repairs.

REMEDIAL ACTION

Description Line 1: More inspection of potential spill sites. Added
Description Line 2: manholes in problem gravity lines. 5 tankers with
Description Line 3: pumps for overflows, and TV inspection of pipeing.

Provide improvements to the sanitary sewer system including replacement of
deteriorated and undersized sewer lines, removal of abandoned gravity sewer
piping, demolition/closure of abandoned sewage treatment plants, upgrade
existing undersized pump stations including mechanical and electrical
systems, and construction of new pump stations in various locations.
The improvements are required to comply with State regulations.
TV inspection of the sewer lines to locate deficiencies will also be
performed.

APPLICABLE STANDARDS

Description Line 1: Clean Water Act 40 CFR 400
Description Line 2: Safe Drinking Water Act 40 CFR 141
Description Line 3:

OTHER PCR INFORMATION

Activity POC: ALAN BENNETT
Date of Step II: / /
EFD EIC:
NAVFACHO Rev Eng:

Activity A/V: -953-4933
EIC A/V:
Engineer A/V:

POLLUTION CONTROL REPORT EXHIBIT

Project Number:
Media: WATER

EFD: LANTDIV

UIC: N00109

Project Title: WATER TREATMENT
Activity: NAVAL WEAPONS STATION

Funding Command: ACT

Status: CONSTR

APPN: DBOF
SUBAPPN:

Activity IPN: 0919593

EFD IPN:

Budget
Class: 2

ESTIMATED COSTS OF POLLUTION CONTROL MEASURES

Fiscal Year	Design		Construction/Study	
	Amount	Funded	Amount	Funded
1993	15,000	15,000	0	0
1995	0	0	150,000	0

AGENCY PROJECT SCHEDULE DATES

Design Start: 10/1992
Design Completion: 10/1993
Construction Start: 10/1995
Construction Completion: 10/1995
Final Compliance:

(Date Navy estimates compliance to be obtained.)

Regulatory Final Compliance:

(Date final compliance must be obtained to satisfy permit requirements/reg date.)

Pollutant Category: DWAT
Project Assessment: HIGH
Various Locations: NO

Compliance Status Code: ESDF
Legal Action Code:

PROBLEM STATEMENT

Description Line 1: Cleaning of water lines left piping exposed to
Description Line 2: rust and corrosion resulting in pipe deterioration
Description Line 3:

Build up of iron, manganese, scale, rust and tubercle growth restricting
water flow, pressure, and chlorine distribution throughout station water
lines.

.....

REMEDIAL ACTION

Description Line 1: Yorktown is in the process of installing a
Description Line 2: complete chemical feed system for injecting
Description Line 3: phosphate, chlorine, and soda ash into the water.

WPNSTA Yorktown has cleaned lines to remove rust, manganese, scale and
tubercle growth through a pigging operation. This line cleaning has
exposed the pipe walls to rust and corrosion causing deterioration of the
piping. Chlorine has accelerated the deterioration process and the
injection
of chemicals should reduce the corrosion process.

.....

APPLICABLE STANDARDS

Description Line 1: Safe Drinking Water Act
Description Line 2: OPNAVINST 5090.1A
Description Line 3: Va. State Board of Health Waterworks VR 335-18-000

.....

OTHER PCR INFORMATION

Activity POC:	ROBERT JONES	Activity A/V:	-953-7433
Date of Step II:	/ /	EIC A/V:	
EFD EIC:		Engineer A/V:	
NAVFACHO Rev Eng:			

POLLUTION CONTROL REPORT EXHIBIT

Project Number:
 Media: DRINKING WATER EFD: LANTDIV UIC: N00109

Project Title: WATER TANK REPAIRS
 Activity: NAVAL WEAPONS STATION

Funding Command: ACT Status: DES APPN: DBOF
 SUBAPPN:

Activity IPN: 0902393 EFD IPN: Budget
 Class: 3

ESTIMATED COSTS OF POLLUTION CONTROL MEASURES

Fiscal Year	Design Amount	Funded	Construction/Study Amount	Funded
1994	0	0	700,000	700,000

AGENCY PROJECT SCHEDULE DATES

Design Start: 09/1994
 Design Completion: 01/1995
 Construction Start: 04/1995
 Construction Completion: 04/1996
 Final Compliance: (Date Navy estimates compliance to be obtained.)
 Regulatory Final Compliance: (Date final compliance must be obtained to satisfy permit requirements/reg date.)

Pollutant Category: DWAT Compliance Status Code: ESRO
 Project Assessment: HIGH Legal Action Code:
 Various Locations: NO

PROBLEM STATEMENT

Description Line 1: Interior substrate is deteriorating, existing paint
Description Line 2: is suspected lead. Need scheduled maintenance
Description Line 3: established. Need annual cathodic protection eval.

Old coatings that contain lead must be contained and properly disposed of. The tanks suggest no evidence of past coatings. Roof exhibits the form work line as well as cracking. The tank roof coating exhibited areas of apparent low millage and application errors. Efflorescence and moss were noted in many cracks and other isolated random areas.

REMEDIAL ACTION

Description Line 1: WPNSTA Yorktown is in the process of issuing a
Description Line 2: contract to have water tanks repaired and
Description Line 3: repainted.

Potable water storage tanks should be scheduled for maintenance inspection every 3 years or less. Perform annual cathodic protection evaluation of the current cathodic protection system to ensure that adequate cathodic protection is being provided. Monthly rectifier maintenance functions should be performed by in-house personnel.

APPLICABLE STANDARDS

Description Line 1: Safe Drinking Water Act
Description Line 2: Va. State Board of Health Waterworks
Description Line 3: VR 355-18-000

OTHER PCR INFORMATION

Activity POC: ROBERT JONES Activity A/V: -953-4881
Date of Step II: / /
EFD EIC: EIC A/V:
NAVFACHO Rev Eng: Engineer A/V:

POLLUTION CONTROL REPORT EXHIBIT

Project Number: D071B
 Media: DRINKING WATER

EFD: LANTDIV

UIC: N00109

Project Title: IMPROVE WATER DISTRIBUTION SYSTEM
 Activity: NAVAL WEAPONS STATION

Funding Command: ACT

Status: PP

APPN: DBOF
 SUBAPPN:

Activity IPN:

EFD IPN:

Budget
 Class: 2

ESTIMATED COSTS OF POLLUTION CONTROL MEASURES

Fiscal Year	Design		Construction/Study	
	Amount	Funded	Amount	Funded
1994	0	0	300,000	300,000
1995	0	0	1,500,000	0
1996	0	0	1,700,000	0
1997	0	0	2,250,000	0

AGENCY PROJECT SCHEDULE DATES

Design Start:
 Design Completion:
 Construction Start: 07/1994
 Construction Completion: 12/1997
 Final Compliance:

(Date Navy estimates compliance to be obtained.)

Regulatory Final Compliance:

(Date final compliance must be obtained to satisfy permit requirements/reg date.)

Pollutant Category: DWAT
 Project Assessment: HIGH
 Various Locations: NO

Compliance Status Code: ESDF
 Legal Action Code:

PROBLEM STATEMENT

Description Line 1: The potable water distribution mains are leaking
Description Line 2: rusting and generally inefficient. There is an
Description Line 3: accumulation of sediment, rust, and tubercles.

Build up of iron and manganese are leaking from these substantial lines
resulting in contamination of waterways, water tables, and water laterals
.....

REMEDIAL ACTION

Description Line 1: WPNSTA Yorktown is in the process of contracting
Description Line 2: to have chemicals injected into the water system.
Description Line 3: chlorine, soda ash, and phosphate to eliminate rust.

This project will improve the potable water distribution and fire
protection system by replacing and or upgrading water lines and accessories
including
pipes, valves, fittings, hydrants, meters, water laterals, and backflow
preventers.
.....

APPLICABLE STANDARDS

Description Line 1: Clean Water Act
Description Line 2: Safe Drinking Water Act.
Description Line 3:
.....

OTHER PCR INFORMATION

Activity POC: ROBERT JONES
Date of Step II: / /
EFD EIC:
NAVFACHO Rev Eng:

Activity A/V: -953-7433
EIC A/V:
Engineer A/V:

POLLUTION CONTROL REPORT EXHIBIT

Project Number: D071A
 Media: DRINKING WATER

EFD: LANTDIV

UIC: N00109

Project Title: LEAD/COPPER WATER SAMPLING
 Activity: NAVAL WEAPONS STATION

Funding Command: NAVSEA

Status: ~~COMPL~~ PP

APPN: DBOF
 SUBAPPN:

Activity IPN:

EFD IPN:

Budget
 Class: 2

ESTIMATED COSTS OF POLLUTION CONTROL MEASURES

Fiscal Year	Design Amount	Design Funded	Construction/Study Amount	Construction/Study Funded
1993	1,500	1,500	0	0
1994	3,000	3,000	0	0

AGENCY PROJECT SCHEDULE DATES

Design Start: 07/1993
 Design Completion:
 Construction Start:
 Construction Completion:
 Final Compliance:

(Date Navy estimates compliance to be obtained.)
 (Date final compliance must be obtained to satisfy permit requirements/reg date.)

Regulatory Final Compliance: 12/1993

Pollutant Category: DWAT
 Project Assesment: H
 Various Locations: NO

Compliance Status Code: ESDF
 Legal Action Code:

PROBLEM STATEMENT

Description Line 1: EPA HAS AMENDED THE SDWA REGULATIONS UNDER 40 CFR
Description Line 2: PART 141 TO REQUEST ALL PUBLIC WTR SYSTEMS TO CON-
Description Line 3: DUCT INITIAL SAMPLING FOR L/C IN TAP WATER.

.....

REMEDIAL ACTION

Description Line 1: IMPLEMENT EPA SAFE DRINKING WATER ACT.
Description Line 2: REGULATIONS UNDER 40 CFR PART 141.
Description Line 3:

.....

APPLICABLE STANDARDS

Description Line 1: EPA SAFE DRINKING WATER ACT REGULATIONS UNDER
Description Line 2: CFR PART 141.
Description Line 3:

.....

OTHER PCR INFORMATION

Activity POC:	MELISSA FORREST	Activity A/V:	-953-4641
Date of Step II:	/ /	EIC A/V:	
EFD EIC:		Engineer A/V:	
NAVFACHO Rev Eng:			

POLLUTION CONTROL REPORT EXHIBIT

Project Number: S085H
 Media: UST

EFD: LANTDIV

UIC: N00109

Project Title: UST RETROFIT
 Activity: NAVAL WEAPONS STATION

Funding Command: NAVFAC

Status: PP

APPN: O&MN
 SUBAPPN:

Activity IPN:

EFD IPN:

Budget
 Class: 2

ESTIMATED COSTS OF POLLUTION CONTROL MEASURES

Fiscal Year	Design Amount	Design Funded	Construction/Study Amount	Construction/Study Funded
1994	12,000	0	42,000	0
1995	4,000	0	16,000	0

AGENCY PROJECT SCHEDULE DATES

Design Start: 01/1994
 Design Completion: 06/1994
 Construction Start: 07/1994
 Construction Completion: 08/1995
 Final Compliance: 08/1995

(Date Navy estimates compliance to be obtained.)

Regulatory Final Compliance: 12/1998

(Date final compliance must be obtained to satisfy permit requirements/reg date.)

Pollutant Category: LUST
 Project Assesment: H
 Various Locations: NO

Compliance Status Code: ESDF
 Legal Action Code:

PROBLEM STATEMENT

Description Line 1: FEDERAL AND STATE REGULATIONS REQUIRE TANKS TO
Description Line 2: HAVE CORROSION PROTECTION.
Description Line 3:

TANKS AT NWS YORKTOWN DO NOT HAVE CATHODIC PROTECTION.
.....

REMEDIAL ACTION

Description Line 1: UST'S WILL BE EQUIPPED WITH CORROSION PROTECTION.
Description Line 2:
Description Line 3:

.....

APPLICABLE STANDARDS

Description Line 1: 40 CFR 280.30, 31, 21
Description Line 2: VR 680-13-02 PART 2.2B, 3.1 AND 3.2
Description Line 3:

.....

OTHER PCR INFORMATION

Activity POC: RICK HYLTON
Date of Step II: / /
EFD EIC:
NAVFACHO Rev Eng:

Activity A/V: -953-4881
EIC A/V: - -
Engineer A/V:

POLLUTION CONTROL REPORT EXHIBIT

Project Number: S085I
 Media: UST

EFD: LANTDIV

UIC: N00109

Project Title: UST ASSESSMENT
 Activity: NAVAL WEAPONS STATION

Funding Command: NAVFAC

Status: CONSTR

APPN: O&MN
 SUBAPPN:

Activity IPN:

EFD IPN:

Budget
 Class: 1C

ESTIMATED COSTS OF POLLUTION CONTROL MEASURES

Fiscal Year	Design		Construction/Study	
	Amount	Funded	Amount	Funded
1990	0	0	41,000	0
1992	0	0	2,000	0
1993	0	0	30,000	0
1994	0	0	120,000	0
1995	0	0	100,000	0

AGENCY PROJECT SCHEDULE DATES

Design Start: 09/1990
 Design Completion: 09/1991
 Construction Start: 07/1992
 Construction Completion: 07/1993
 Final Compliance: 08/1995 (Date Navy estimates compliance to be obtained.)
 Regulatory Final Compliance: 12/1992 (Date final compliance must be obtained to satisfy permit requirements/reg date.)

Pollutant Category: LUST
 Project Assessment: H
 Various Locations: NO

Compliance Status Code: ESDP
 Legal Action Code:

PROBLEM STATEMENT

Description Line 1: 40 CFR 280.40 REQUIRES UST'S MEET LEAK DETECTION
Description Line 2: REQUIREMENTS BY CERTAIN DATES. TANKS NOT TESTED
Description Line 3: BY DEADLINES MUST BE PERMANENTLY CLOSED.

THIS PROJECT MUST BE COMPLETED IN ORDER TO PREVENT MAJOR DISRUPTIONS IN NAVY
OPERATIONS DUE TO UST'S WITHOUT LEAK DETECTION HAVING TO BE CLOSED.
.....

REMEDIAL ACTION

Description Line 1: LEAK DETECTION WILL BE INSTALLED IAW 40 CFR 280
Description Line 2:
Description Line 3:

THIS PROJECT WILL COVER LEAK DETECTION REQUIREMENTS.PROJECT WILL IDENTIFY
WHICH TANKS ARE LEAKING AND BRING TANKS INTO PROJECT COMPLIANCE.
.....

APPLICABLE STANDARDS

Description Line 1: 40 CFR 280 RELEASE DETECTION REQUIREMENTS
Description Line 2:
Description Line 3:
.....

OTHER PCR INFORMATION

Activity POC: RICK HYLTON Activity A/V: -953-4881
Date of Step II: / / EIC A/V: - -
EFD EIC: Engineer A/V:
NAVFACHO Rev Eng:

POLLUTION CONTROL REPORT EXHIBIT

Project Number: S085J
 Media: UST

EFD: LANTDIV

UIC: N00109

Project Title: UST REMOVAL
 Activity: NAVAL WEAPONS STATION

Funding Command: NAVFAC

Status: DES

APPN: O&MN
 SUBAPPN:

Activity IPN:

EFD IPN:

Budget
 Class: 1C

ESTIMATED COSTS OF POLLUTION CONTROL MEASURES

Fiscal Year	Design		Construction/Study	
	Amount	Funded	Amount	Funded
1993	0	0	114,700	70,000
1994	0	0	20,000	0
1995	0	0	15,000	0

AGENCY PROJECT SCHEDULE DATES

Design Start: 07/1991
 Design Completion: 12/1991
 Construction Start: 08/1993
 Construction Completion: 08/1995
 Final Compliance: 08/1995 (Date Navy estimates compliance to be obtained.)
 Regulatory Final Compliance: 12/1989 (Date final compliance must be obtained to satisfy permit requirements/reg date.)

Pollutant Category: LUST
 Project Assesment: H
 Various Locations: NO

Compliance Status Code: ESDP
 Legal Action Code:

PROBLEM STATEMENT

Description Line 1: USTS HAVE BEEN TAKEN OUT OF SERVICE PRIOR TO
Description Line 2: 22 DEC 89, BUT HAVE NOT BEEN PERMANENTLY CLOSED.
Description Line 3:

.....

REMEDIAL ACTION

Description Line 1: THIS PROJECT WILL CLOSE REMAINING UST'S FOR WHICH
Description Line 2: NO CONTRACT EXIST.
Description Line 3:

.....

APPLICABLE STANDARDS

Description Line 1: 40 CFR 280.71 AND 72
Description Line 2: VVR 680-113-02, PART 7
Description Line 3:

.....

OTHER PCR INFORMATION

Activity POC:	RICK HYLTON	Activity A/V:	-953-4881
Date of Step II:	/ /	EIC A/V:	- -
EFD EIC:		Engineer A/V:	
NAVFACHO Rev Eng:			

POLLUTION CONTROL REPORT EXHIBIT

Project Number: S085Q
Media: UST

EFD: LANTDIV

UIC: N00109

Project Title: AST INVENTORY
Activity: NAVAL WEAPONS STATION

Funding Command: NAVSEA

Status: COMPL

APPN: DBOF
SUBAPPN:

Activity IPN:

EFD IPN:

Budget
Class: 2

ESTIMATED COSTS OF POLLUTION CONTROL MEASURES

Fiscal Year	Design		Construction/Study	
	Amount	Funded	Amount	Funded
1993	0	0	50,000	0

AGENCY PROJECT SCHEDULE DATES

Design Start:
Design Completion: /
Construction Start: 12/1992
Construction Completion: 01/1993
Final Compliance: 07/1992 (Date Navy estimates compliance to be obtained.)
Regulatory Final Compliance: 10/1992 (Date final compliance must be obtained to satisfy permit requirements/reg date.)

Pollutant Category: LUST
Project Assesment: H
Various Locations: NO

Compliance Status Code: PSDF
Legal Action Code:

PROBLEM STATEMENT

Description Line 1: HOUSE BILL 1043 WILL REQUIRE NAVAL FACILITIES IN
Description Line 2: VA. TO SUBMIT REGISTRATION FORMS FOR ALL ASTS
Description Line 3: ABOVE 660 GALLONS IN CAPACITY.

.....

REMEDIAL ACTION

Description Line 1: ALL ASTS AT THIS ACTIVITY WILL BE INVENTORIED AND
Description Line 2: REGISTRATION FORMS WILL BE COMPLETED.
Description Line 3:

.....

APPLICABLE STANDARDS

Description Line 1: NONE LISTED ON PCR
Description Line 2:
Description Line 3:

.....

OTHER PCR INFORMATION

Activity POC: RICK HYLTON
Date of Step II: / /
EFD EIC:
NAVFACHO Rev Eng:

Activity A/V: -953-4881
EIC A/V:
Engineer A/V:

POLLUTION CONTROL REPORT EXHIBIT

Project Number: S085G
 Media: UST

EFD: LANTDIV

UIC: N00109

Project Title: UST REMEDIAL INVESTIGATION
 Activity: NAVAL WEAPONS STATION

Funding Command: NAVFAC

Status: CONTIN

APPN: O&MN
 SUBAPPN:

Budget
 Class: 1C

Activity IPN:

EFD IPN:

.....

ESTIMATED COSTS OF POLLUTION CONTROL MEASURES

Fiscal Year	Design		Construction/Study	
	Amount	Funded	Amount	Funded
1991	0	0	168,000	168,000
1992	0	0	64,000	64,000
1993	0	0	651,000	651,000
1994	103,000	103,000	700,000	700,000
1995	0	0	400,000	400,000
1996	0	0	350,000	0

.....

AGENCY PROJECT SCHEDULE DATES

Design Start:
 Design Completion:
 Construction Start: 01/1991
 Construction Completion: 08/1996
 Final Compliance: 08/1996 (Date Navy estimates compliance to be obtained.)
 Regulatory Final Compliance: 06/1993 (Date final compliance must be obtained to satisfy permit requirements/reg date.)

.....

Pollutant Category: LUST
 Project Assessment: H
 Various Locations: NO
 Compliance Status Code: ESDP
 Legal Action Code:

PROBLEM STATEMENT

Description Line 1: UNDERGROUND TANKS AND OR ASSOCIATED PIPELINE
Description Line 2: POSSIBLY LEAKING PETROLEUM POTENTIALLY CAUSING
Description Line 3: GROUNDWATER CONTAMINATION.

THIS PROJECT WILL DETERMINE THE EXTENT OF CONTAMINATION AND DEVELOP A
CORRECTIVE ACTION PLAN AS REQUIRED BY 40 CFR 280.65-280.66.

REMEDIAL ACTION

Description Line 1: CONDUCT A STUDY TO DETERMINE THE EXTENT OF
Description Line 2: CONTAMINATION AND DEVELOP A CORRECTIVE ACTION
Description Line 3: PLAN.

THE STUDY WILL INCLUDE INSTALLING MONITORING WELLS, ANALYZING GROUNDWATER
SAMPLES AND SOIL BORINGS, AND REVEIING INVENTORY RECORDS.

APPLICABLE STANDARDS

Description Line 1: 40 CFR 280.66(C) REQUIRE INVESTIGATION AND A
Description Line 2: CORRECTIVE ACTION PLAN IF THERE IS EVIDENCE THAT
Description Line 3: CONTAMINATED SOILS MAY BE IN CONTACT WITH G/WATER.

OTHER PCR INFORMATION

Activity POC: RICK HYLTON
Date of Step II: / /
EFD EIC:
NAVFACHO Rev Eng:

Activity A/V: -953-4881
EIC A/V: - -
Engineer A/V:

FY 91, NWS 1, 224, 2, 3, 4, 8
FY 92, NWS 9, 11, 12, 13, 17, 19
FY 92, NWS 20, 21, 22, 24, 25, 27
FY 93, NWS 246, 63

POLLUTION CONTROL REPORT EXHIBIT

Project Number: W139P
 Media: WATER

EFD: LANTDIV

UIC: N00109

Project Title: DRAINAGE/EROSION, IMPROVEMENTS, EOD RANGE
 Activity: NAVAL WEAPONS STATION

Funding Command: NAVFAC

Status: COMPL

APPN: O&MN
 SUBAPPN:

Activity IPN:

EFD IPN:

Budget
 Class: 3

ESTIMATED COSTS OF POLLUTION CONTROL MEASURES

Fiscal Year	Design Amount	Design Funded	Construction/Study Amount	Construction/Study Funded
1993	0	0	25,000	0

AGENCY PROJECT SCHEDULE DATES

Design Start:
 Design Completion:
 Construction Start: 01/1993
 Construction Completion: 09/1993
 Final Compliance:

(Date Navy estimates compliance to be obtained.)

Regulatory Final Compliance:

(Date final compliance must be obtained to satisfy permit requirements/reg date.)

Pollutant Category: NPS
 Project Assessment: M
 Various Locations: NO

Compliance Status Code: ESDL
 Legal Action Code:

PROBLEM STATEMENT

Description Line 1: EOD RANGE OPERATIONS REQUIRE AN EXTRA DEVOID OF
Description Line 2: VEGETATION WHICH CREATES EXCESSIVE EEROSION AND
Description Line 3: MAKES SEDIMENT CONTROL DIFFICULT.

NAVY REGULATIONS REQUIRE A 500 FOOT VEGETATION FREE ZONE AROUND DETONATION
HOLES. CURRENTLY, THREE DETONATION SITES OPERATE SIMULTANEOUSLY. THIS
RESULTS IN APPROXIMATELY 27 ACRES OF DISTURBANCE ON A CONTINUOUS BASIS.
BASED ON MINIMUM ALLOWABLE SEPARATION OF THE SITES. THE RANGE IS LOCATED ON
A RIDGE BETWEEN TWO DISTINCT WATERSHEDS. DUE TO YEARS OF OPERATION,
EXISTING
VEGETATION ON THE SITE IS SPARSE. THEREFORE, SOIL EROSION OCCURS
CONTINUOUSLY AND ALTHOUGH A SEDIMENT COLLECTION BASIN HAS BEEN CONSTRUCTED,
SEDIMENT CONTROL IS DIFFICULT.

REMEDIAL ACTION

Description Line 1: IMPROVE EXISTING SEDIMENT BASINS AND CONSTRUCT
Description Line 2: EROSION CONTROL STRUCTURES AT CRITICAL POINTS.
Description Line 3: STABILIZE ENTIRE AREA & REGRADE/RESEED AS NECESS.

ENTIRE SEDIMENT BASIN WILL BE IMPROVED BY THE ADDITION OF EMERGENCY
SPILLWAYS. AN ADDITIONAL SEDIMENT BASIN WILL BE CONSTRUCTED. DIVERSION
DISKS
WILL BE CREATED TO PREVENT RUNOFF FROM ESCAPING AROUND SEDIMENT BASINS.
RIPRAP WILL BE PLACED AT OUTLETS OF ALL PIPES BEHIND SEDIMENT BASIN DAMS TO
SLOW OUTFLOW TO ACCEPTABLE SPEEDS. ALL AREAS OF RANGE NOT REQUIRED TO BE
UNVEGETATED WILL BE GRADED, FERTILIZED AND SEEDED TO CREATE A PERMANENT
VEGETATIVE COVER.

APPLICABLE STANDARDS

Description Line 1: 40 CFR 264,600. WPNSTA YORKTOWN NATURAL RESOURCES
Description Line 2: MANUAL WPNSTA YORKTOWN LAND MANAGEMENT PLAN.
Description Line 3: VIRGINIA EROSION AND SEDIMENT CONTROL LAW.

WATER QUALITY ACT 1987. VIRGINIA WATER CONTROL LAW.

OTHER PCR INFORMATION

Activity POC: GLENN MARKWITH Activity A/V: -953-4707
Date of Step II: / /
EFD EIC: EIC A/V:
NAVFACHO Rev Eng: Engineer A/V:

THIS PROJECT WAS FUNDED BY NATURAL RESOURCES.

POLLUTION CONTROL REPORT EXHIBIT

Project Number: W139Q
 Media: WATER

EFD: LANTDIV

UIC: N00109

Project Title: CORRECT SPCC DEFICIENCIES
 Activity: NAVAL WEAPONS STATION

Funding Command: NAVSEA

Status: PP

APPN: DBOF
 SUBAPPN:

Activity IPN:

EFD IPN:

Budget
 Class: 1C

ESTIMATED COSTS OF POLLUTION CONTROL MEASURES

Fiscal Year	Design Amount	Design Funded	Construction/Study	
			Amount	Funded
1993	115,000	0	485,788	485,788
1994	104,000	104,000	800,000	0
1995	97,500	0	650,000	0
1996	120,000	0	800,000	0
1997	135,000	0	900,000	0

AGENCY PROJECT SCHEDULE DATES

Design Start: 09/1993
 Design Completion: 05/1994
 Construction Start: 08/1994
 Construction Completion: 08/1996
 Final Compliance: 08/1996

(Date Navy estimates compliance to be obtained.)
 (Date final compliance must be obtained to satisfy permit requirements/reg date.)

Regulatory Final Compliance: 06/1976

Pollutant Category: SPCC
 Project Assessment: M
 Various Locations: NO

Compliance Status Code: ESDP
 Legal Action Code:

PROBLEM STATEMENT

Description Line 1: AS PART OF AN OIL SPCC PLAN DESIGNED TO BRING THE
Description Line 2: UST PROGRAM IN COMPLIANCE WITH FED. & STATE REGS.
Description Line 3: MODIFICATIONS AND IMPROVEMENTS MUST BE DONE

UNDERGROUND STORAGE TANKS ARE NOT IN COMPLIANCE WITH SPCC REGULATIONS. TYPE OF POLLUTION ASSOCIATED WITH PROJECT IS SOIL AND GROUNDWATER CONTAMINATION BY PETROLEUM FUELS. POLLUTION SOURCE SHOULD BE FROM LEAKS AND SPILLS AT THE UST LOCATION. HOWEVER, IMPLEMENTATION OF THE PROPOSED IMPROVEMENTS WILL MINIMIZE THE POTENTIAL FOR ANY LEAKS OR SPILLS.

REMEDIAL ACTION

Description Line 1: MODIFICATION TO USTS ARE REQUIRED TO EFFECTIVELY
Description Line 2: IMPLEMENT A SPILL PREVENTION, CONTROL AND COUNTER-
Description Line 3: MEASURES PLAN AT WPNSTA YORKTOWN.

THE FOLLOWING MODIFICATIONS TO THE USTS ARE PROPOSED: 1.INSTALL EMERGENCY SHUTOFF VALVES, BALL FLOAT TYPE, AT EACH TANK LOCATION. 2.INSTALL SIGNS AT EACH TANK LOCATION INDICATING TANK NUMBER, VOLUME AND CONTENTS.

APPLICABLE STANDARDS

Description Line 1: 40 CFR 264 CONTAINS REQUIREMENTS AND PROCEDURES
Description Line 2: FOR SPILL PREVENTION CONTROL AND COUNTERMEASURES
Description Line 3: FOR OIL.

OTHER PCR INFORMATION

Activity POC: RICK HYLTON
Date of Step II: / /
EFD EIC:
NAVFACHO Rev Eng:

Activity A/V: -953-4881
EIC A/V:
Engineer A/V:

POLLUTION CONTROL REPORT EXHIBIT

Project Number: W139R
 Media: WATER

EFD: LANTDIV

UIC: N00109

Project Title: STORMWATER DISCHARGE STUDY
 Activity: NAVAL WEAPONS STATION

Funding Command: NAVSEA

Status: ~~COMPL~~ *QR*

APPN: DBOF
 SUBAPPN: P/A

Budget
 Class: 1C

Activity IPN:

EFD IPN:

.....

ESTIMATED COSTS OF POLLUTION CONTROL MEASURES

Fiscal Year	Design Amount	Design Funded	Construction/Study Amount	Construction/Study Funded
1993	0	0	45,000	45,000
1995	0	0	200,000	0
1996	0	0	300,000	0
1997	0	0	350,000	0

.....

AGENCY PROJECT SCHEDULE DATES

Design Start:
 Design Completion:
 Construction Start: 01/1994
 Construction Completion: 06/1996
 Final Compliance:
 Regulatory Final Compliance: 10/1992

(Date Navy estimates compliance to be obtained.)
 (Date final compliance must be obtained to satisfy permit requirements/reg date.)

.....

Pollutant Category: NPS
 Project Assesment: H
 Various Locations: NO

Compliance Status Code: ESDP
 Legal Action Code:

PROBLEM STATEMENT

Description Line 1: EPA STORM WATER REGULATIONS REQUIRE NPDES PER-
Description Line 2: MITTING OF STORM WATER DISCHARGES.
Description Line 3:

STORM WATER DISCHARGE PERMIT APPLICATIONS REQUIRE DETAILED MAPPING AND
NARRATIVE DESCRIPTIONS OF DRAINAGE AREAS AND CONTROL STRUCTURES AS WELL AS
ILLCIT DISCHARGE SURVEYS AND EXTENSIVE SAMPLING AND ANALYSIS FOR
CHARACTERIZATION OF STORM WATER FLOWS.

REMEDIAL ACTION

Description Line 1: CONDUCT A STORM WATER DISCHARGE STUDY IN ORDER TO
Description Line 2: MAP DRAINAGE AREAS AND CHARACTERIZE STORM WATER
Description Line 3: FLOWS AS REQUIRED BY NEW REGULATIONS.

THE STUDY WILL INCLUDE MAPPING OF DRAINAGE AREAS, INDUSTRIAL SOURCES, STORM
WATER CONTROL STRUCTURES, AND COLLECTION CONVEYANCES. THE STUDY WILL ALSO
INVOLVE A SURVEY TO IDENTIFY ILLICIT DISCHARGES AND CHARACTERIZATION OF
STORM WATER DISCHARGES AS REQUIRED BY THE NEW REGULATIONS.

APPLICABLE STANDARDS

Description Line 1: NEW EPA RULE ON STORM WATER DISCHARGES REQUIRES
Description Line 2: NPDES PERMITS FOR STORMWATER DISCHARGES ASSOCIATED
Description Line 3: WITH INDUSTRIAL ACTIVITY BY 18 MAY 1992.

THE NEW RULE IMPLEMENTS SECTION 402(P) OF THE CLEAN WATER ACT AND IS CODED
AS
40 CFR 122.

OTHER PCR INFORMATION

Activity POC: ALAN BENNETT
Date of Step II: / /
EFD EIC:
NAVFACHO Rev Eng:

Activity A/V: -953-4881
EIC A/V:
Engineer A/V:

POLLUTION CONTROL REPORT EXHIBIT

Project Number: W139U
 Media: WATER

EFD: LANTDIV

UIC: N00109

Project Title: SAN. SEWER SYSTEM CONNECTION, BLDG. 1751/1752/1756
 Activity: NAVAL WEAPONS STATION

Funding Command: NAVFAC

Status: CONSTR

APPN: DBOF
 SUBAPPN:

Budget
 Class: 1A

Activity IPN:

EFD IPN:

ESTIMATED COSTS OF POLLUTION CONTROL MEASURES

Fiscal Year	Design Amount	Design Funded	Construction/Study Amount	Construction/Study Funded
1992	92,941	92,941	0	0
1993	0	0	115,000	115,000

AGENCY PROJECT SCHEDULE DATES

Design Start: 05/1992
 Design Completion: 12/1992
 Construction Start: 04/1993
 Construction Completion: 04/1994
 Final Compliance: 04/1994

(Date Navy estimates compliance to be obtained.)
 (Date final compliance must be obtained to satisfy permit requirements/reg date.)

Regulatory Final Compliance: 04/1994

Pollutant Category: STAT
 Project Assesment: H
 Various Locations: NO

Compliance Status Code: INOV
 Legal Action Code:

PROBLEM STATEMENT

Description Line 1: EXISTING SEPTIC TANK DRAIN FIELD HAS FAILED.
Description Line 2: PARTIALLY TREATED WASTES HAVE BEEN RELEASED TO
Description Line 3: STATE WATERS.

POLLUTION CONSISTS OF PARTIALLY TREATED SEWAGE AND LABORATORY WASTES.
EXISTING TREATMENT IN THE DRAIN FIELD IS NOT RELIABLE DUE TO UNEQUAL
DISTRIBUTION. A SLOPING GRADE CONTRIBUTES TO OCCASIONAL FAILURE OF ONE OR
MORE OF THE DRAIN FIELDS.

.....

REMEDIAL ACTION

Description Line 1: EXTEND EXISTING SEWER LINE ABOUT 900 FT. TO SERVE
Description Line 2: LABORATORY BLDG #1751 & 1752, AND BUNKER BLDG NO.
Description Line 3: 1756.

PLUG EXISTING DISTRIBUTION BOX AND INSTALL A DUPLEX SEWAGE PUMP IN THE
EXISTING SEPTIC TANK. RUN NEW FORCE MAIN TO EXISTING MANHOLE ABOUT 900 FT.
AWAY. PROVIDE EMERGENCY PUMPOUT CONNECTIONS AND HIGH LEVEL ALARM. CONNECT
ALARM TO CONTROL BOARD IN BLDG. 34 VIA PHONE LINE.

.....

APPLICABLE STANDARDS

Description Line 1: CLEAN WATER ACT AND VIRGINIA SEWAGE REGULATIONS.
Description Line 2:
Description Line 3:

DISCHARGE OF PARTIALLY TREATED SEWAGE TO STATE WATERS FROM AN UNPERMITTED
FACILITY IS PROHIBITED. WPNSTA YORKTOWN HAS RECEIVED TWO (2) NOTICES OF
VIOLATIONS FROM THE STATE WATER CONTROL BOARD DUE TO UNPERMITTED DISCHARGES.

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OTHER PCR INFORMATION

Activity POC:	ALAN BENNETT	Activity A/V:	-953-7433
Date of Step II:	/ /	EIC A/V:	
EFD EIC:		Engineer A/V:	- -
NAVFACHO Rev Eng:			

POLLUTION CONTROL REPORT EXHIBIT

Project Number: W139V
 Media: WATER

EFD: LANTDIV

UIC: N00109

Project Title: OIL/WATER SEPARATOR-STATION PERMIT FOR ALL USES
 Activity: NAVAL WEAPONS STATION

Funding Command: NAVSEA

Status: STUDY

APPN: DBOF
 SUBAPPN:

Activity IPN:

EFD IPN:

Budget
 Class: 1C

ESTIMATED COSTS OF POLLUTION CONTROL MEASURES

Fiscal Year	Design Amount	Design Funded	Construction/Study	
			Amount	Funded
1993	20,000	20,000	0	0
1995	0	0	250,000	0

AGENCY PROJECT SCHEDULE DATES

Design Start: 02/1994
 Design Completion: 07/1994
 Construction Start: 09/1994
 Construction Completion: 09/1995
 Final Compliance: 12/1992

(Date Navy estimates compliance to be obtained.)

Regulatory Final Compliance:

(Date final compliance must be obtained to satisfy permit requirements/reg date.)

Pollutant Category: HAZD
 Project Assessment: M
 Various Locations: NO

Compliance Status Code: ESDP
 Legal Action Code:

PROBLEM STATEMENT

Description Line 1: YORKTOWN DOES NOT HAVE A STATION OIL/WATER
Description Line 2: SEPARATOR PERMITTED FOR A VARIETY OF SMALL
Description Line 3: QUANTITIES OF OILY WASTE GENERATED INTERMITTENTLY

OILY WASTE GENERATED FROM VARIOUS SOURCES ON AN INTERMITTENT BASIS CANNOT BE INTRODUCED TO A SANITARY SEWER WITHOUT PRETREATMENT. EXISTING OIL/WATER SEPARATORS CANNOT BE USED FOR THIS PURPOSE BECAUSE THEY ARE ONLY ALLOWED TO RECEIVE WASTEWATER FROM SOURCES SPECIFIED IN THE STATION'S INDUSTRIAL WASTEWATER DISCHARGE PERMIT. SOURCES OF OILY WASTE INCLUDE TANK CLEANINGS, COMPRESSOR BLOWDOWN, ETC., WASTE MUST CURRENTLY BE DISPOSED OF BY OILY WASTE HAULER AT A COST OF MORE THAN \$80,000 PER YEAR.

.....

REMEDIAL ACTION

Description Line 1: CONSTR OIL/WATER SEPARATOR FOR PRETREATMENT OF
Description Line 2: OILY WASTE FROM VARIOUS SOURCES THAT ARE GENERATED
Description Line 3: INTERMITTENTLY

.....

APPLICABLE STANDARDS

Description Line 1: 40 CFR 403
Description Line 2: OPNAVINST 5090.1
Description Line 3: HRSD INDUSTRIAL WASTEWATER DISCHARGE PERMIT

.....

OTHER PCR INFORMATION

Activity POC:	GLENN MARKWITH	Activity A/V:	-953-4707
Date of Step II:	/ /	EIC A/V:	
EFD EIC:		Engineer A/V:	
NAVFACHO Rev Eng:			

POLLUTION CONTROL REPORT EXHIBIT

Project Number: W139W
 Media: WATER

EFD: LANTDIV

UIC: N00109

Project Title: P-498 SANITARY SEWER LINES
 Activity: NAVAL WEAPONS STATION

Funding Command: ACT

Status: PP

APPN: DBOF Mon
 SUBAPPN:

Activity IPN:

EFD IPN:

Budget
 Class: 2

ESTIMATED COSTS OF POLLUTION CONTROL MEASURES

Fiscal Year	Design Amount	Design Funded	Construction/Study Amount	Construction/Study Funded
1996	238,000	0	4,200,000	0

AGENCY PROJECT SCHEDULE DATES

Design Start:
 Design Completion:
 Construction Start: 01/1996
 Construction Completion: 12/1996
 Final Compliance:

(Date Navy estimates compliance to be obtained.)
 (Date final compliance must be obtained to satisfy permit requirements/reg date.)

Regulatory Final Compliance:

Pollutant Category: GWAT
 Project Assesment: HIGH
 Various Locations: NO

Compliance Status Code: PSDF
 Legal Action Code:

PROBLEM STATEMENT

Description Line 1: The sewer system consists of leaking, deteriorating
Description Line 2: undersized lines, abandoned gravity lines,
Description Line 3: treatment plants, and undersized pump stations.

Organic compounds could seep into the surrounding water table and
waterways in violation of state environmental standards because of
crushed and deteriorated pipes, severed offset joints and root intrusion,
heavy grease build-up, and lines with inadequate grades.
.....

REMEDIAL ACTION

Description Line 1: More inspections of spill sites, additional man-
Description Line 2: holes in gravity lines. Obtain 5 tankers with
Description Line 3: pumps to assist in response to overflows.

Provide improvements to the sanitary sewer system including replacement of
deteriorated and undersized sewer lines, removal of abandoned gravity
sewer piping, demolition/closure of abandoned sewage treatment plants.
Upgrade existing undersized pump stations including mechanical and
electrical systems, and construction of new pump stations in various
locations. The improvements are required to comply with state regulations.
.....

APPLICABLE STANDARDS

Description Line 1: Clean Water Act 40 CFR 400
Description Line 2: Safe Drinking Water Act 40 CFR 141
Description Line 3:
.....

OTHER PCR INFORMATION

Activity POC: ALAN BENNETT Activity A/V: -953-4933
Date of Step II: / /
EFD EIC: EIC A/V:
NAVFACHO Rev Eng: Engineer A/V:

This Activity has received Notices Of Violation for sewage overflows at
pump stations and leakage at by-pass joints from the State of Virginia
Department of Environmental Quality, Water Division.

POLLUTION CONTROL REPORT EXHIBIT

Project Number: S085F
 Media: UST

EFD: LANTDIV

UIC: N00109

Project Title: UST REMEDIAL ACTION
 Activity: NAVAL WEAPONS STATION

Funding Command: NAVFAC

Status: CONSTR

APPN: O&MN
 SUBAPPN:

Activity IPN:

EFD IPN:

Budget
 Class: 1C

ESTIMATED COSTS OF POLLUTION CONTROL MEASURES

Fiscal Year	Design		Construction/Study	
	Amount	Funded	Amount	Funded
1992	25,000	0	0	0
1994	150,000	150,000	500,000	500,000
1995	250,000	250,000	2,100,000	2,100,000
1996	200,000	0	1,050,000	0

AGENCY PROJECT SCHEDULE DATES

Design Start: 01/1992
 Design Completion: 01/1996
 Construction Start: 01/1994
 Construction Completion: 08/1996
 Final Compliance: 01/1995 (Date Navy estimates compliance to be obtained.)
 Regulatory Final Compliance: 01/1995 (Date final compliance must be obtained to satisfy permit requirements/reg date.)

Pollutant Category: LUST
 Project Assessment: H
 Various Locations: NO

Compliance Status Code: ESDP
 Legal Action Code:

PROBLEM STATEMENT

Description Line 1: REMEDIAL INVESTIGATION CONFIRMED & CHARACTERIZED
Description Line 2: PETROLEUM CONTAMINATION OF SOIL AND GROUNDWATER
Description Line 3:

.....

REMEDIAL ACTION

Description Line 1: INSTALL AND OPERATE GROUNDWATER PUMPING AND
Description Line 2: TREATMENT SYSTEM, EXCAVATE AND TREAT CONTAMINATED
Description Line 3: SOIL. PERMANENTLY CLOSE LEAKING TANKS/PIPELINES.

.....

APPLICABLE STANDARDS

Description Line 1: 40 CFR 280.66 (C) REQUIRES THAT UST OWNERS OR
Description Line 2: OPERATORS IMPLEMENT A CORRECTIVE ACTION PLAN FOR
Description Line 3: UST RELEASES.

.....

OTHER PCR INFORMATION

Activity POC: RICK HYLTON
Date of Step II: / /
EFD EIC:
NAVFACHO Rev Eng:

Activity A/V: -953-7433
EIC A/V: - -
Engineer A/V:

FY 92, NWS 1, 224, 2, 3, 4, 8
FY 93, NWS 9, 11, 12, 13, 17, 19
FY 93, NWS 20, 21, 22, 24, 25, 27
FY 93, NWS 33, 35, 43, 44, 45, 46
FY 94, NWS 246, 63

POLLUTION CONTROL REPORT EXHIBIT

Project Number: A133G
 Media: AIR

EFD: LANTDIV

UIC: N00109

Project Title: CONDUCT COMPLETE AIR EMISSION INVENTORY
 Activity: NAVAL WEAPONS STATION

Funding Command: NAVFAC

Status: COMPL

APPN: O&MN
 SUBAPPN:

Activity IPN:

EFD IPN:

Budget
 Class: 2

ESTIMATED COSTS OF POLLUTION CONTROL MEASURES

Fiscal Year	Design		Construction/Study	
	Amount	Funded	Amount	Funded
1993	0	0	80,900	80,900

AGENCY PROJECT SCHEDULE DATES

Design Start:
 Design Completion:
 Construction Start: 06/1993
 Construction Completion: 09/1993
 Final Compliance: 11/1994 (Date Navy estimates compliance to be obtained.)
 Regulatory Final Compliance: 11/1994 (Date final compliance must be obtained to satisfy permit requirements/reg date.)

Pollutant Category: OTH
 Project Assesment: H
 Various Locations: NO

Compliance Status Code: PSDF
 Legal Action Code:

PROBLEM STATEMENT

Description Line 1: THE AMOUNT OF VOCS RELEASED FROM THE MANY SOURCES
Description Line 2: ON A INSTALLATION MUST BE KNOWN IN ORDER TO IDEN-
Description Line 3: TIFY THE CONTROLS NECESSARY TO MEET CAA GOALS.

THE STATE MUST KNOW THE TOTAL AMOUNT OF VOCS BEING RELEASED IN AN AREA IN ORDER TO DEVELOP AN EFFECTIVE CONTROL PLAN. AN ACCURATE, COMPREHENSIVE INVENTORY OF ALL VOC SOURCES MUST BE MADE AS THE FIRST STEP IN DETERMINING THE LEVEL OF CONTROL NECESSARY ON ALL SOURCES IN ORDER TO MEET ATTAINMENT GOALS IN EACH AREA.

REMEDIAL ACTION

Description Line 1: CONDUCT A VOC INVENTORY TO IDENTIFY THE AMOUNT OF
Description Line 2: VOCS BEING RELEASED FROM THE INSTALLATION.
Description Line 3:

THIS MEANS SOURCE IDENTIFICATION AND THEN EMISSION CALCULATION. EACH VOC EMISSION POINT MUST BE IDENTIFIED AND A MEANS DETERMINED FOR CALCULATING THE AMOUNT OF VOCS EMITTED EACH YEAR. THEN THE TOTAL FOR THE INSTALLATION MUST BE DETERMINED. IF THE TOTAL EXCEEDS LIMITS FOR THAT AREA THEN THE CONTROLS NECESSARY TO REDUCE THE LEVELS MUST BE DETERMINED IN FOLLOW ON STUDIES.

APPLICABLE STANDARDS

Description Line 1: 1990 AMENDMENT TO THE CAA TITLE 1, SEC. 103 WILL
Description Line 2: REQUIRE STATES TO SUBMIT COMPREHENSIVE, ACCURATE,
Description Line 3: CURRENT INVENTORIES OF VOCS SOURCES.

IN NONATTAINMENT AREAS OR THOSE AREAS NEAR NONATTAINMENT LEVELS FOR OZONE (PURCURSERS), THE 1990 CAA AMENDMENTS WILL REQUIRE EPA TO DEVELOP REGULATIONS FOR CONTROLLING EMISSIONS. VOCS, AS A OZONE PURCURSER, WILL BE NEEDED TO DETERMINED FOR THE INSTALLATION.

OTHER PCR INFORMATION

Activity POC: GLENN MARKWITH
Date of Step II: / /
EFD EIC:
NAVFACHO Rev Eng: VIC CRAWFORD

Activity A/V: -953-4707
EIC A/V: - -
Engineer A/V: -221-8538

POLLUTION CONTROL REPORT EXHIBIT

Project Number: A133F
 Media: AIR

EFD: LANTDIV

UIC: N00109

Project Title: CORRECT VENTILATION SYSTEM DEFICIENCIES, BLDG. 688
 Activity: NAVAL WEAPONS STATION

Funding Command: NAVFAC

Status: CONSTR

APPN: O&MN
 SUBAPPN:

Activity IPN:

EFD IPN:

Budget
 Class: 1C

ESTIMATED COSTS OF POLLUTION CONTROL MEASURES

Fiscal Year	Design		Construction/Study	
	Amount	Funded	Amount	Funded
1993	0	0	65,000	65,000

AGENCY PROJECT SCHEDULE DATES

Design Start:

Design Completion:

Construction Start: 01/1994

Construction Completion: 06/1994

Final Compliance: 06/1994

(Date Navy estimates compliance to be obtained.)

Regulatory Final Compliance:

(Date final compliance must be obtained to satisfy permit requirements/reg date.)

Pollutant Category: HAZD

Project Assessment: H

Various Locations: NO

Compliance Status Code: INOV

Legal Action Code:

PROBLEM STATEMENT

Description Line 1: DISCONTINUED; THIS IS A DUPLICATE OF PCR ALREADY
Description Line 2: IN PCR DATABASE PER TERRY BOUCHER, NAVFAC.
Description Line 3:

.....

REMEDIAL ACTION

Description Line 1: PROVIDE NEW VENTILATION SYSTEM.
Description Line 2:
Description Line 3:

.....

APPLICABLE STANDARDS

Description Line 1: STATE REGULATIONS FOR CONTROL AND ABATEMENT OF AIR
Description Line 2: POLLUTION.
Description Line 3:

.....

OTHER PCR INFORMATION

Activity POC:	ALAN BENNETT	Activity A/V:	-953-7433
Date of Step II:	/ /	EIC A/V:	- -
EFD EIC:		Engineer A/V:	
NAVFACHO Rev Eng:			

POLLUTION CONTROL REPORT EXHIBIT

Project Number: S085J
 Media: UST

EFD: LANTDIV

UIC: N00109

Project Title: UST REMOVAL
 Activity: NAVAL WEAPONS STATION

Funding Command: NAVFAC

Status: DES

APPN: O&MN
 SUBAPPN:

Activity IPN:

EFD IPN:

Budget
 Class: 1C

ESTIMATED COSTS OF POLLUTION CONTROL MEASURES

Fiscal Year	Design Amount	Design Funded	Construction/Study Amount	Construction/Study Funded
1993	0	0	114,700	70,000
1994	0	0	20,000	0
1995	0	0	15,000	0

AGENCY PROJECT SCHEDULE DATES

Design Start: 07/1991
 Design Completion: 12/1991
 Construction Start: 08/1993
 Construction Completion: 08/1995
 Final Compliance: 08/1995 (Date Navy estimates compliance to be obtained.)
 Regulatory Final Compliance: 12/1989 (Date final compliance must be obtained to satisfy permit requirements/reg date.)

Pollutant Category: LUST
 Project Assesment: H
 Various Locations: NO

Compliance Status Code: ESDP
 Legal Action Code:

PROBLEM STATEMENT

Description Line 1: USTS HAVE BEEN TAKEN OUT OF SERVICE PRIOR TO
Description Line 2: 22 DEC 89, BUT HAVE NOT BEEN PERMANENTLY CLOSED.
Description Line 3:

.....

REMEDIAL ACTION

Description Line 1: THIS PROJECT WILL CLOSE REMAINING UST'S FOR WHICH
Description Line 2: NO CONTRACT EXIST.
Description Line 3:

.....

APPLICABLE STANDARDS

Description Line 1: 40 CFR 280.71 AND 72
Description Line 2: VVR 680-113-02, PART 7
Description Line 3:

.....

OTHER PCR INFORMATION

Activity POC:	RICK HYLTON	Activity A/V:	-953-4881
Date of Step II:	/ /	EIC A/V:	- -
EFD EIC:		Engineer A/V:	
NAVFACHO Rev Eng:			

POLLUTION CONTROL REPORT EXHIBIT

Project Number:
Media: WATER

EFD: LANTDIV

UIC: N00109

Project Title: REMOVE SEPTIC TANKS
Activity: NAVAL WEAPONS STATION

Funding Command: ACT

Status: CONSTR

APPN: DBOF
SUBAPPN:

Activity IPN: 0931393

EFD IPN:

Budget
Class: 2

ESTIMATED COSTS OF POLLUTION CONTROL MEASURES

Fiscal Year	Design Amount	Design Funded	Construction/Study Amount	Construction/Study Funded
1993	125,811	125,811	0	0
1994	0	0	950,000	950,000

AGENCY PROJECT SCHEDULE DATES

Design Start: 08/1993
Design Completion: 05/1994
Construction Start: 09/1994
Construction Completion: 09/1995
Final Compliance:

(Date Navy estimates compliance to be obtained.)

Regulatory Final Compliance:

(Date final compliance must be obtained to satisfy permit requirements/reg date.)

Pollutant Category: UIC
Project Assessment: MEDIUM
Various Locations: NO

Compliance Status Code: PSDF
Legal Action Code:

PROBLEM STATEMENT

Description Line 1: Existing septic tanks currently active or inactive
Description Line 2: require proper abandonment to avoid possible
Description Line 3: contamination of soil or aquifer.

Specific types of pollution include industrial wastewater and sludge, which is generated by production buildings. WPNSTA Yorktown is in the process of identifying any non-domestic discharge to the disposal system. As well as determining the need for keeping each active septic tank. Abandoned tanks will be removed.

REMEDIAL ACTION

Description Line 1: WPNSTA Yorktown is in the process of issuing a
Description Line 2: contract for the removal of septic tanks, drying
Description Line 3: beds and related piping.

This project will remove septic tanks, trickling filters, drying beds, and related piping. As well as convert the existing active septic tanks to use the existing station gravity sewer and force main system.

APPLICABLE STANDARDS

Description Line 1: UIC Program
Description Line 2:
Description Line 3:

OTHER PCR INFORMATION

Activity POC: ALAN BENNETT
Date of Step II: / /
EFD EIC:
NAVFACHO Rev Eng:

Activity A/V: -953-4933
EIC A/V:
Engineer A/V:

POLLUTION CONTROL REPORT EXHIBIT

Project Number:
Media: WATER

EFD: LANTDIV

UIC: N00109

Project Title: UPGRADE PUMP STATIONS
Activity: NAVAL WEAPONS STATION

Funding Command: ACT

Status: DES

APPN: DBOF
SUBAPPN:

Activity IPN: 0931693

EFD IPN:

Budget
Class: 3

ESTIMATED COSTS OF POLLUTION CONTROL MEASURES

Fiscal Year	Design Amount	Design Funded	Construction/Study Amount	Construction/Study Funded
1993	94,000	94,000	0	0
1994	40,000	0	650,000	0

AGENCY PROJECT SCHEDULE DATES

Design Start: 10/1993
Design Completion: 02/1994
Construction Start: 04/1994
Construction Completion: 04/1995
Final Compliance:

(Date Navy estimates compliance to be obtained.)

Regulatory Final Compliance:

(Date final compliance must be obtained to satisfy permit requirements/reg date.)

Pollutant Category: POTW
Project Assesment: MEDIUM
Various Locations: NO

Compliance Status Code: ESRO
Legal Action Code:

PROBLEM STATEMENT

Description Line 1: Existing pumps and wet wells require replacing or
Description Line 2: upgrading to prevent releases to state waters.
Description Line 3: To comply with Class I regulations.

Pollution consists of sewage resulting from spills from manholes and pump stations. Increased visual monitoring and raised elevation of manholes have decreased spill potential.

REMEDIAL ACTION

Description Line 1: Replace pumps, update alarm systems and clean
Description Line 2: force main. Upgrade electrical service and purchase
Description Line 3: lifting winch assembly for pump maintenance.

Replacement of pumps will increase flow capacity. Updated alarm system for monitoring problems at pump stations to prevent spills. Cleaning of force mains for unrestricted flow. Purchase of additional emergency generators for back-up. Purchase lifting winch for pump removal during maintenance and repair.

APPLICABLE STANDARDS

Description Line 1: Clean Water Act
Description Line 2: Safe Drinking Water Act
Description Line 3:

OTHER PCR INFORMATION

Activity POC: ALAN BENNETT
Date of Step II: / /
EFD EIC:
NAVFACHO Rev Eng:

Activity A/V: -953-4933
EIC A/V:
Engineer A/V:

POLLUTION CONTROL REPORT EXHIBIT

Project Number:
Media: WATER

EFD: LANTDIV

UIC: N00109

Project Title: FELGATES CREEK BRIDGE
Activity: NAVAL WEAPONS STATION

Funding Command: ACT

Status: STUDY

APPN: DBOF
SUBAPPN:

Activity IPN: 092191

EFD IPN:

Budget
Class: 3

ESTIMATED COSTS OF POLLUTION CONTROL MEASURES

Fiscal Year	Design Amount	Design Funded	Construction/Study Amount	Construction/Study Funded
1993	0	0	7,798	7,798
1995	10,000	0	0	0

AGENCY PROJECT SCHEDULE DATES

Design Start: 09/1994
Design Completion: 03/1995
Construction Start: 06/1993
Construction Completion: 07/1993
Final Compliance:

(Date Navy estimates compliance to be obtained.)
(Date final compliance must be obtained to satisfy permit requirements/reg date.)

Regulatory Final Compliance:

Pollutant Category: NPS
Project Assessment: MEDIUM
Various Locations: NO

Compliance Status Code: ESRO
Legal Action Code:

PROBLEM STATEMENT

Description Line 1: Erosion of banks adjacent to bridge results from
Description Line 2: tidal action and stormwater runoff. Also, erosion
Description Line 3: is deteriorating fill from wing walls and riprap.

Sediment loss through the bulkheads from runoff. Trees undermined by
erosion displace large amounts of soil when they fall. Soil is lost
through gaps and cracks by stormwater runoff.

REMEDIAL ACTION

Description Line 1: Trees and shrubs within 5 feet of bank should be
Description Line 2: cut or trimmed. Bank graded to 2:1 slope or flatter
Description Line 3: Riprap, filter cloth, and marsh fringe to be added

Cutting to trimming trees and shrubs should add additional sunlight exposure
to stimulate growth of upland ground cover and marsh fringe. Existing
concrete to be used to rework structures. Install filter cloth on landward
side of bulkheads. Establishment of marsh fringe involves planting
cordgrass and saltmeadow hay.

APPLICABLE STANDARDS

Description Line 1: Clean Water Act
Description Line 2:
Description Line 3:

OTHER PCR INFORMATION

Activity POC: RANDY LLOYD
Date of Step II: / /
EFD EIC:
NAVFACHO Rev Eng:

Activity A/V: -953-4122
EIC A/V:
Engineer A/V:

POLLUTION CONTROL REPORT EXHIBIT

Project Number:
Media: WATER

EFD: LANTDIV

UIC: N00109

Project Title: STORMWATER POLLUTION PREVENTION PLAN
Activity: NAVAL WEAPONS STATION

Funding Command: ACT

Status: STUDY

APPN: DBOF
SUBAPPN:

Activity IPN: 09ESWPP

EFD IPN:

Budget
Class: 1A

ESTIMATED COSTS OF POLLUTION CONTROL MEASURES

Fiscal Year	Design Amount	Funded	Construction/Study Amount	Funded
1994	0	0	100,000	100,000

AGENCY PROJECT SCHEDULE DATES

Design Start:
Design Completion:
Construction Start: 06/1994
Construction Completion: 10/1994
Final Compliance: 10/1994 (Date Navy estimates compliance to be obtained.)
Regulatory Final Compliance: 04/1994 (Date final compliance must be obtained to satisfy permit requirements/reg date.)

Pollutant Category: NPS
Project Assessment: HIGH
Various Locations: NO

Compliance Status Code: ESDP
Legal Action Code:

PROBLEM STATEMENT

Description Line 1: Water pollution from stormwater discharges need to
Description Line 2: be eliminated.Prevention plan must be complete
Description Line 3: within 180 days of receiving discharge permit

Stormwater permit is anticipated in fiscal year 94.
.....

REMEDIAL ACTION

Description Line 1: The stormwater pollution prevention plan will
Description Line 2: identify deficiencies that must be corrected, and
Description Line 3: recommended methods to correct the deficiencies.

Projects will be initiated to fund corrections and ensure regulatory
compliance.
.....

APPLICABLE STANDARDS

Description Line 1: Clean Water Act.
Description Line 2: National Pollutant Discharge Elimination System
Description Line 3: program.
.....

OTHER PCR INFORMATION

Activity POC: ALAN BENNETT
Date of Step II: / /
EFD EIC:
NAVFACHO Rev Eng:

Activity A/V: -953-4933
EIC A/V:
Engineer A/V:

POLLUTION CONTROL REPORT EXHIBIT

Project Number:
Media: WATER

EFD: LANTDIV

UIC: N00109

Project Title: HVAC/EQUIPMENT ROOM DRAINAGE
Activity: NAVAL WEAPONS STATION

Funding Command: ACT

Status: STUDY

APPN: DBOF
SUBAPPN:

Activity IPN: 0908993

EFD IPN:

Budget
Class: 1A

ESTIMATED COSTS OF POLLUTION CONTROL MEASURES

Fiscal Year	Design		Construction/Study	
	Amount	Funded	Amount	Funded
1993	0	0	217,401	217,401
1994	170,170	170,170	1,429,830	0
1995	0	0	450,000	0
1996	0	0	375,000	0

AGENCY PROJECT SCHEDULE DATES

Design Start:
Design Completion:
Construction Start: 09/1993
Construction Completion: 02/1994
Final Compliance:

(Date Navy estimates compliance to be obtained.)
(Date final compliance must be obtained to satisfy permit requirements/reg date.)

Regulatory Final Compliance:

Pollutant Category: UIC
Project Assessment: HIGH
Various Locations: NO

Compliance Status Code: ESDP
Legal Action Code:

PROBLEM STATEMENT

Description Line 1: Equipment rooms contain various types of equipment
Description Line 2: draining into floor drains. Need to determine
Description Line 3: where drains outflows go.

Pollution type is non-process water from condensate pumps, traps, and tanks, boiler blowdown, air compressor blowdown, non-contact cooling water, misc. HVAC equipment and emergency shower/eye wash stand. Also included in this study are oil water separators for their overall compliance. Existing treatment includes plugging floor drains, placing pans under fire burners and chemical pumps. Building berms around oil pumps, and placing absorbent pigs to prevent oil from going down drains. Visual checks and preventative maintenance currently being done on oil water separators.

REMEDIAL ACTION

Description Line 1: This study will identify all non-compliance issues
Description Line 2: with current environmental regulations, and current
Description Line 3: practices, bringing these issues into compliance.

This project will improve drainage outfalls by plugging drains, developing SOP's and Spill Prevention Control and Countermeasures for equipment rooms, placing floor pans under equipment, containing areas, and rerouting drain lines.

APPLICABLE STANDARDS

Description Line 1: Clean Water Act
Description Line 2: Safe Drinking Water Act
Description Line 3:

OTHER PCR INFORMATION

Activity POC: ALAN BENNETT .
Date of Step II: / /
EFD EIC:
NAVFACHO Rev Eng:

Activity A/V: -953-4933
EIC A/V:
Engineer A/V:

POLLUTION CONTROL REPORT EXHIBIT

Project Number:
Media: WATER

EFD: LANTDIV

UIC: N00109

Project Title: EROSION/DRAINAGE IMPROVEMENTS STATION WIDE
Activity: NAVAL WEAPONS STATION

Funding Command: ACT

Status: DES

APPN: DBOF
SUBAPPN:

Activity IPN: 0939993

EFD IPN:

Budget
Class: 2

ESTIMATED COSTS OF POLLUTION CONTROL MEASURES

Fiscal Year	Design		Construction/Study	
	Amount	Funded	Amount	Funded
1994	70,000	70,000	100,000	0
1995	0	0	1,375,000	0
1996	0	0	400,000	0

AGENCY PROJECT SCHEDULE DATES

Design Start: 02/1994
Design Completion: 07/1994
Construction Start: 08/1994
Construction Completion: 12/1995
Final Compliance:

(Date Navy estimates compliance to be obtained.)
(Date final compliance must be obtained to satisfy permit requirements/reg date.)

Regulatory Final Compliance:

Pollutant Category: NPS
Project Assesment: MEDIUM
Various Locations: NO

Compliance Status Code: PSDF
Legal Action Code:

PROBLEM STATEMENT

Description Line 1: Erosion/drainage problems create potential for
Description Line 2: deterioration of groundwater, vegetative cover,
Description Line 3: sediment, roadways, tracks, and woodlines.

Erosion/drainage from runoff has potential to cause sedimentation to occur in wetlands, ponds, and streams. Further erosion could cause damage to station assets such as rail lines, roads, and stormwater structures. Riprap and filter cloth will channel runoff. Vegetative cover, topsoil, matting or mulching, and fertilizing will minimize erosion/drainage.

REMEDIAL ACTION

Description Line 1: Improve existing sediment basins and construct
Description Line 2: erosion/drainage control structures to stabilize
Description Line 3: areas. Regrade, seed, and fertilize as necessary

Areas will be improved by the use of riprap and filter cloth to channel runoff. Work includes additions of topsoil, matting or mulching, reseeding, fertilizing, regrading and creating vegetative cover.

APPLICABLE STANDARDS

Description Line 1: 40 CFR 264.600 WPNSTA Yorktown Natural Resources
Description Line 2: Water Quality Act of 1987 Va. Water Control Law
Description Line 3: Va. Erosion and Sediment Control Law

OTHER PCR INFORMATION

Activity POC: ALAN BENNETT
Date of Step II: / /
EFD EIC:
NAVFACHO Rev Eng:

Activity A/V: -953-4933
EIC A/V:
Engineer A/V:

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

NEXT ECHELON LEVEL (if applicable)

S. W. DELAPLANE
NAME (Please type or print)

Commander
Title Date

Naval Ordnance Center Atlantic Division
Activity

[Signature]
Signature
25 MAY 94

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)

ACTING COMMANDER
Title Date

NAVAL ORDNANCE CENTER
Activity

[Signature]
Signature
6/10/94

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)

Commander
Title Date
Naval Sea Systems Command

Activity

[Signature]
Signature
6-13-94

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

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

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

ACTING
Title Date

[Signature]
Signature
6/24/94

NWS YORKTOWN DATA CAU #33 REVISION

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)

ROBERT A. REISH

NAME (Please type or print)

Signature

Acting Commander

Title

Date

8 DEC 94

Naval Ordnance Center

Atlantic 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)

RW CHAMBLISS

NAME (Please type or print)

Signature

ACTING Commander

Title

Date

13 Dec 94

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

NAME (Please type or print)

Signature

Title

Date

12/15/94

~~Commander~~

Acting Commander

Naval Sea Systems Command

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

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

W. A. EARNER

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

Signature

Title

Date

1/5/95

R

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.

ENVIRONMENTAL DATA CALL #33, Revised Pages

ACTIVITY COMMANDER

R. C. SCHOLLES
NAME (Please type or print)

Signature 

Acting Commanding Officer
Title

Date 08 DEC 1994

Naval Weapons Station
Yorktown, Virginia
Activity

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.

DATA CALL # 33, ENVIRONMENTAL

ACTIVITY COMMANDER

S. W. DELAPLANE
NAME (Please type or print)


Signature

Commanding Officer
Title
Naval Weapons Station
Yorktown, VA.
Activity

25 MAY 94
Date