

DATA CALL 1: GENERAL INSTALLATION INFORMATION

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

• Name

Official name	Naval Weapons Station, Yorktown, VA
Acronym(s) used in correspondence	WPNSTA Yorktown
Commonly accepted short title(s)	Yorktown

• Complete Mailing Address

Naval Weapons Station
 P. O. Drawer 160
 Yorktown, VA 23691-0160

• PLAD

WPNSTA Yorktown VA

• PRIMARY UIC: 00109 (Plant Account UIC for Plant Account Holder)

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

• ALL OTHER UIC(s): 30014 PURPOSE: ServiceCraft
 - 47616 Non-NIF Employees

2. PLANT ACCOUNT HOLDER • Yes XX No

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

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

• Yes XX No _____ (check one)

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

• Yes _____ No XX (check one)

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

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

• Yes _____ No XX (check one)

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

Name	Location	UIC
Little Mumford Island	Gloucester Point, VA	00109

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

Name	UIC	Location	Host name	Host UIC
Fleet Metrology Branch	00109	Camp Allen Annex, Norfolk, VA	NAVSTA Norfolk	N00187

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

WPNSTA Yorktown was not directly affected by the Base Closure and Realignment decisions of BRAC-88, -91, and -93; however, a major tenant, Naval Mine Warfare Engineering Activity, Coastal Systems Station, Dahlgren Division, Naval Surface Warfare Center, is scheduled to relocate out-of-state by the end of Fiscal Year 1995 due to a BRAC-91 decision.

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

Current Missions

- Provide quality and responsive logistic, technical, and material support to the Fleet in the areas of:

- Combat subsystems
- Equipment
- Components

- Retail Ammunition Management.

- Maintain and operate an explosive outloading facility.

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

- Maintain basic stocks of ammunition as required by the Load Plan.

- Maintain a designated depot overhaul point in support of fleet depot level and intermediate level maintenance requirements.

- Maintain and operate a special weapons facility.

- Provide homeporting services to Fleet ships.

- Coordinate and oversee the training and activities of assigned military Naval Reserve units.

- Provide explosive ordnance services to Navy or DOD vessels at explosive anchorages in Hampton Roads.

- Provide ordnance services to Navy ships homeported in Norfolk.

- Provide technical assistance to the Commander, Naval Base, Norfolk as a function of the Commanding Officer's additional duty assignment as Ordnance Officer, Naval Base, Norfolk.

- Maintain and operate laboratory facilities and services to conduct weapons quality engineering functions.
- Maintain and operate x-ray facilities to x-ray components, ordnance, and weapons for the Navy, other DOD, and NASA.
- Maintain and operate Types II and III Calibration Laboratories, Calibration Repair Laboratories, and RADIAC Calibration Laboratories.
- Provide worldwide program coordination for the Underwater Mine Quality Evaluation Program, the In-Water Reliability Evaluation Program, and the Integrated Voice Communication System.
- Provide a refuge and safe haven for U.S. Government property in transit.
- Provide Integrated Logistics Support to NAVSEA and NAVAIR Program Managers for new and current weapon systems programs.
- Provide services and support to off-site detachments and to tenants which occupy space at the Station.
- WPNSTA Yorktown does not anticipate any mission changes.
- The current mission of WPNSTA Yorktown is not the result of decisions made by BRAC-88, -91, or -93.

Projected Missions for FY 2001

- Missions of WPNSTA Yorktown are not projected to change by FY2001.

OPNAV input to data call one Question eight "Unique Missions"

NWS Yorktown

Provides explosive outloading capability to ships operating out of the Norfolk, VA and Eastern U. S. area as required.

One of three Eastern U. S. sites capable of providing explosive storage of ammunition for ships scheduled to deploy from Eastern U. S.

F. H. Seckmann
N441 2/25/94

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

Current Unique Missions

- Intermediate maintenance capability for all Navy missiles except TRIDENT and POLARIS.
- Consolidated East Coast site for maintenance of Navy air launched missiles.
- Consolidated site for Navy air launched missile Quality Evaluation (electronic components) and stockpile surveillance.
- Major East Coast stock point for nuclear and non-nuclear ordnance.
- RADIAC equipment calibration.
- Only fully permitted EOD range on the East Coast.
- Designated depot and design agent for Fiber Optic Integrated Voice Communication System (FOIVCS).
- U.S. Navy's only site of a special countermeasures assembly/test cell and magazine.
- Maintain and operate the only U.S. Navy ordnance facility with Thermal Coating capability. (Primarily used for conventional ordnance - bombs and missiles to be carried on aircraft carriers to make them more insensitive to threat of fire).
- Maintain and operate the only U.S. Navy calibration and overhaul facility for the MK39 and MK 666 Continuous Wave Illumination (CWI) programs.
- Provide the services of a certified Fly-Away Team to load and offload Vertical Launch systems to and from ships worldwide.
- Provide the services of a team to analyze and repair Navy ships' Integrated Voice Communication Systems worldwide.
- Provide capabilities to determine the effects of environmental conditions on weapons systems through use of the Cold Soak method.

- Operate and provide the only Navy Quality Evaluation Program and Systems Reliability Reporting for all underwater mines.

- U.S. Navy's design agent for the SLQ 110, Sonobuoy.

- Maintain and operate the only U.S. Navy facility to assemble the SLQ 110, Sonobuoy.

- WPNSTA Yorktown has a Unique Classified Mission Responsibility in reporting/responding to data calls regarding nuclear ordnance and facilities. Information of this nature is classified and, when required, data call submission and certification will be under separate cover with the appropriate restrictive markings.

Projected Unique Missions for FY 2001

- Unique missions of WPNSTA Yorktown are considered stable and are not projected to change.

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

• Operational name	UIC
<u>Naval Ordnance Center Atlantic Division</u>	<u>68969</u>
• Funding Source	UIC
<u>Defense Budget Operating Fund</u>	<u>Multiple</u>

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

On Board Count as of 01 January 1994

• Drilling Reserves		8	12
• Tenants (Total)	52	690	585.5

* Reporting Command (WPNSTA Yorktown) Military On-Board Count and Authorized End-Strength include UIC's 00109, 30014, and 47616.

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

<u>Title/Name</u>	<u>Office</u>	<u>Fax</u>	<u>Home</u>
• CO/OIC			
S. W. DELAPLANE, CAPT, USN	(804) 887-4141	(804) 887-4596	
• Duty Officer	(804) 887-4545		[N/A]
• Director, Corporate Operations Dept.			
GLENN E. NORTON	(804) 887-4545		

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

	Officers	Enlisted	Civilian (Appropriated)
• Reporting Command	* 19	* 382	1330 (incls 10 at dets)
• Reporting Reserves	29	390	
• Tenants (w/o reserves)	32	638	422
• Drilling Reserves	8	12	422
• Tenants (Total)	40	650	422

• Drilling Reserves Authorized End-Strength as of 30 September 1994

	Officers	Enlisted	Civilian (Appropriated)
• Reporting Command	* 15	* 277	1279 (incls 8 at det)
• Reporting Reserves	29	390	
• Tenants (w/o reserves)	44	678	585.5
• Drilling Reserves	8	12	
• Tenants (Total)	52	690	585.5

* Reporting Command (WPNSTA Yorktown) Military On-Board Count and Authorized End-Strength include UIC's 00109, 30014, and 47616.

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

- Tenants residing on main complex (shore commands)

Tenant Command Name	UIC	Officer	Enlisted	Civilian
Defense Finance & Accounting Service, Cleveland Center, Yorktown	HQ0103	0	0	11
Explosive Ordnance Disposal Group #2, Detachment, Yorktown	30720	1	9	0
Naval Ophthalmic Support/Training Activity (Students), Yorktown	30962	0	35	0
Branch Medical Clinic, Yorktown	32533	2	23	12
Branch Dental Clinic, Yorktown	35042	2	3	2
Resident Officer In Charge of Construction, Atlantic Division Contractor Office, Yorktown	44247	3	0	12
NATO Regional Operating Center, Atlantic Communication Logistics Depot, Yorktown *May not be U.S. Military.	44985	4*	27*	40

Radiological Affairs Support Office, Naval Sea Systems Command Detachment, Yorktown	45650	4	1	11
Naval Surface Warfare Center Division, Indian Head Detachment, Yorktown	47652	0	0	44
Naval Air Warfare Center Weapons Division, Detachment Yorktown	48056	0	0	6
Defense Printing Service Detachment Office, Yorktown	48920	0	0	1
Defense Commissary Agency, Yorktown	49175	0	3	9
Marine Corps Security Force Company, Yorktown	53590	6	235	0
Mobile Mine Assembly Group, Unit 14, Yorktown	55256	1	32	0
Naval Investigative Service Resident Agency, Yorktown	63055	0	0	3.5
Naval Mine Warfare Engineering Activity, Coastal Systems Station, Dahlgren Division, NSWC	63394	3	4	186
Naval Ophthalmic Support/Training Activity, Yorktown	63439	3	114	51
Personnel Support Activity Detachment, Yorktown	68549	1	12	10
Naval Submarine Torpedo Facility, Yorktown	68842	4	172	12
Naval Ordnance Center, Atlantic Division	68969	10	8	175
Total		44	678	585.5

- Tenants residing on main complex (homeported units.)

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

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

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

- Tenants (Other than those identified previously)

Tenant Command Name	UIC	Location	Officer	Enlisted	Civilian
Naval Weapons Station Federal Credit Union	N/A	Yorktown, Va.	0	0	21
Total			0	0	21

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

Activity name	Location	Support function (include mechanism such as ISSA, MOU, etc.)
Cities of Newport News and Williamsburg	Newport News Williamsburg	Mutual Aid Firefighting Assistance
Counties of York and James City	York & James City Counties	Mutual Aid Firefighting Assistance
Amoco Refinery	Yorktown	Mutual Aid Firefighting Assistance
Fort Eustis and Langley Air Force Bases	Newport News and Hampton	Reciprocal Support for Fire Protection Assistance
Colonial National Historical Park	Yorktown Williamsburg	MOU to provide Fire Protection Assistance
Cheaham Annex	Williamsburg	ISA to provide Fire Protection Assistance
Newport News Police Department	Newport News	MOU to provide Local Police Protection
Fleet Surveillance Support Command	New Kent County	MOU to provide Emergency Security Protection
WPNSTA Earle	Earle, NJ	ISA to provide Civilian Personnel Services
WPNSTA Charleston	Charleston SC	ISA to provide Civilian Personnel Services
Marine Corps Reserve Training Center	Newport News	ISA to provide Gasoline/Diesel Fuels and during Mobilization, Administrative, Communication and Community Services
Supervisor of Shipbuilding	Newport News	ISA to provide Family Housing, Transportation, Religious, Administrative, Civilian Personnel, Community and Audio-visual Services
Defense Reutilization and Marketing Region	Columbus OH	ISA to provide Administrative Processing and Storage of Hazardous Waste
USATC, Fort Eustis	Newport News	ISA to provide EOD Emergency Services, Medical Services, and Fire Assistance

US Coast Guard Reserve Training Center	Yorktown	ISA to provide Family Housing, Retail Supply and Storage, Religious and Audio-visual Services
Public Works Center Norfolk	Newport News	ISA to provide Police, Vehicle, and Radio Services
Naval Warfare Assessment Center	Corona CA	ISA to provide Station Services/Support to DYNCORP on-site employees
Defense Printing Service Detachment Office	Fort Eustis, Yorktown, Fort Monroe, Langley AFB, Fort Lee, DGSC Richmond, JAG Charlottesville, USACofE Huntington WV	ISA to provide Civilian Personnel Services
1 UW GRU TWO Cheatham Annex	Williamsburg	ISA to provide Communication Services
DLA, SPCC, NSWSES	Arlington, Mechanicsburg, Port Hueneme	Provide 13,500 SF of Storage Space
Contractors-Mantech, Loral, Hughes Missile, Raytheon, SysConSvs, ITS, PRC, CDI, SSI, HFSI	Yorktown	Provide 2,300 SF of Office Space, Furniture, Computer Links, Telephone, and Power Sources to On-Site Contractors
Raytheon Service Co	Camp Allen Annex, Norfolk	Provide 2,500 SF of Office/Work Space, Furniture, Computer Links, Telephone, and Power Sources

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

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

Local Area Map is enclosed as requested.

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

Base Map and General Development Map, in the two sizes available, are enclosed as requested.

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

Aerial Photo is enclosed as requested.

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

There is no requirement for an AICUZ Map at WPNSTA Yorktown and no copy is held.

BRAC 95: Data Call #1 WPNSTA Yorktown UIC: 00109

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

NEXT ECHELON LEVEL (if applicable)

STEPHEN W. DELAPLANE
NAME (Please type or print)


SIGNATURE

Commander
TITLE

2/22/94
DATE

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

24 FEB 94
DATE

Naval Ordnance Center
ACTIVITY

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

MAJOR CLAIMANT LEVEL

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


SIGNATURE

Commander
TITLE

2/24/94
DATE

Naval Sec System Cmdr
ACTIVITY

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

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

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

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

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

ACTIVITY COMMANDER

M. J. GERVAIS

NAME (Please type or print)
ACTING COMMANDING OFFICER

Title
NAVAL WEAPONS STATION, YORKTOWN

Activity


Signature

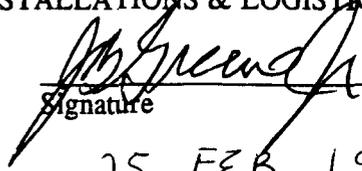
Date 2/18/94

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)

J.B. Greene, Jr
NAME (Please type or print)

Acting
Title


Signature

25 FEB 1994
Date

DATA CALL 66
INSTALLATION RESOURCES

106

Activity Information:

Activity Name:	NAVOPTHALSUPTRACT
UIC:	63439
Host Activity Name (if response is for a tenant activity):	
Host Activity UIC:	

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

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

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

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INSTALLATION RESOURCES**

lines to the table (following line 2j., as necessary, to identify any additional cost elements not currently shown). Leave shaded areas of table blank.

Table 1A - Base Operating Support Costs (Other Than DBOF Overhead)			
Activity Name: NAVOPHTHALSUPTRACT			UIC: 63439
Category	FY 1996 BOS Costs (\$000)		
	Non-Labor	Labor	Total
1. Real Property Maintenance Costs:			
1a. Maintenance and Repair	122		122
1b. Minor Construction	25		25
1c. Sub-total 1a. and 1b.	147		147
2. Other Base Operating Support Costs:			
2a. Utilities	203		203
2b. Transportation	27		27
2c. Environmental	6		6
2d. Facility Leases			*N/A
2e. Morale, Welfare & Recreation			*N/A
2f. Bachelor Quarters			*N/A
2g. Child Care Centers			*N/A
2h. Family Service Centers			*N/A
2i. Administration	7		7
2j. Other (Specify) Base Engineering Sup	51		51
2k. Sub-total 2a. through 2j:	294		294
3. Grand Total (sum of 1c. and 2k.):	441		441

* These items are currently provided by an ISSA with NWS, Yorktown on a non-reimbursable basis.

**DATA CALL 66
INSTALLATION RESOURCES**

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

<u>Appropriation</u>	<u>Amount (\$000)</u>
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N/A

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

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

TABLE 1B IS N/A
THERE IS NO PAGE 4

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7/28/94

NOSTRA

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INSTALLATION RESOURCES**

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

Table 2 - Services/Supplies Cost Data	
Activity Name: NAVOPHTHALSUPTRACT	UIC: 63439
Cost Category	FY 1996 Projected Costs (\$000)
Travel:	74
Material and Supplies (including equipment):	3779
Industrial Fund Purchases (other DBOF purchases):	209
Transportation:	27
Other Purchases (Contract support, etc.):	509
Total:	4598

**DATA CALL 66
INSTALLATION RESOURCES**

3. Contractor Workyears.

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

Table 3 - Contract Workyears	
Activity Name: NAVOPHTHALSUPTRACT	UIC: 63439
Contract Type	FY 1996 Estimated Number of Workyears On-Base
Construction:	N/A
Facilities Support:	*3.5
Mission Support:	N/A
Procurement:	*1
Other:*	
Total Workyears:	*4.5

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

*Facilities Support includes Building Maintenance, Custodial Services and Grounds Maintenance contracts which are administered by the host activity. Data provided by NWS Yorktown.

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INSTALLATION RESOURCES**

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

1) Estimated number of contract workyears which would be transferred to the receiving site (This number should reflect the number of jobs which would in the future be contracted for at the receiving site, not an estimate of the number of people who would move or an indication that work would necessarily be done by the same contractor(s)): ~~3.5~~ 4.5 VR BUMED 824 7/27/94

2) Estimated number of workyears which would be eliminated: ~~3~~ 0 VR BUMED 824
7/27/94

3) Estimated number of contract workyears which would remain in place (i.e., contract would remain in place in current location even if activity were relocated outside of the local area): ~~5~~ 0 VR BUMED 824 7/27/94

**DATA CALL 66
INSTALLATION RESOURCES**

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

N/A

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

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

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print)

Signature

Title

Date

Activity

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print)

Signature

Title

Date

Activity

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

MAJOR CLAIMANT LEVEL

D. F. HAGEN, VADM, MC, USN

NAME (Please type or print)

D. F. Hagen

Signature

CHIEF BUMED/SURGEON GENERAL

7-28-94

Date

Title

BUREAU OF MEDICINE & SURGERY

Activity

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

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

W. A. EARNER

NAME (Please type or print)

W. A. Earner

Signature

Title

8/30/94

Date

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

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

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

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

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

ACTIVITY COMMANDER

H. M. JAMISON, CAPT, MSC, USN
NAME (Please type or print)

COMMANDING OFFICER

Title

NAVOPHTHALSUPTRACT

Activity

H. M. Jamison
Signature

15 JUL 94

Date

106

DATA CALL 66
INSTALLATION RESOURCES

UIC: 68549

Activity Information:

Activity Name:	PSD YORKTOWN
UIC:	68549
Host Activity Name (if response is for a tenant activity):	WPNSTA YORKTOWN
Host Activity UIC:	00109

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

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

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

DATA CALL 66
INSTALLATION RESOURCES

UIC: 68549

lines to the table (following line 2j., as necessary, to identify any additional cost elements not currently shown). Leave shaded areas of table blank.

Table 1A - Base Operating Support Costs (Other Than DBOF Overhead)			
Activity Name: PSD YORKTOWN			UIC: 68549
Category	FY 1996 BOS Costs (\$000)		
	Non-Labor	Labor	Total
1. Real Property Maintenance Costs:			
1a. Maintenance and Repair			
1b. Minor Construction			
1c. Sub-total 1a. and 1b.			
2. Other Base Operating Support Costs:			
2a. Utilities	6		6
2b. Transportation	5		5
2c. Environmental			
2d. Facility Leases			
2e. Morale, Welfare & Recreation			
2f. Bachelor Quarters			
2g. Child Care Centers			
2h. Family Service Centers			
2i. Administration	37	892	929
2j. Other (Specify)			
2k. Sub-total 2a. through 2j.:	48	892	940
3. Grand Total (sum of 1c. and 2k.):	48	892	940

DATA CALL 66
INSTALLATION RESOURCES

UIC: 68549

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

<u>Appropriation</u>	<u>Amount (\$000)</u>
MPN	583
O&MN	357

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

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

DATA CALL 66
INSTALLATION RESOURCES

UIC: 68549

Table 1B - Base Operating Support Costs (DBOF Overhead)			
Activity Name: N/A; not a DBOF Activity			UIC: 68549
Category	FY 1996 Net Cost From UC/FUND-4 (\$000)		
	Non-Labor	Labor	Total
1. Real Property Maintenance Costs:			
1a. Real Property Maintenance (> \$15K)			
1b. Real Property Maintenance (< \$15K)			
1c. Minor Construction (Expensed)			
1d. Minor Construction (Capital Budget)			
1e. Sub-total 1a. through 1d.			
2. Other Base Operating Support Costs:			
2a. Command Office			
2b. ADP Support			
2c. Equipment Maintenance			
2d. Civilian Personnel Services			
2e. Accounting/Finance			
2f. Utilities			
2g. Environmental Compliance			
2h. Police and Fire			
2i. Safety			
2j. Supply and Storage Operations			
2k. Major Range Test Facility Base Costs			
2l. Other (Specify)			
2m. Sub-total 2a. through 2l:			
3. Depreciation			

**DATA CALL 66
INSTALLATION RESOURCES**

UIC: 68549

4. Grand Total (sum of 1c., 2m., and 3.):			
--	--	--	--

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

Table 2 - Services/Supplies Cost Data	
Activity Name: PSD YORKTOWN	UIC: 68549
Cost Category	FY 1996 Projected Costs (\$000)
Travel:	0
Material and Supplies (including equipment):	12
Industrial Fund Purchases (other DBOF purchases):	22
Transportation:	0
Other Purchases (Contract support, etc.):	14
Total:	48

**DATA CALL 66
INSTALLATION RESOURCES**

UIC: 68549

3. Contractor Workyears.

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

Table 3 - Contract Workyears	
Activity Name: PSD YORKTOWN	UIC: 68549
Contract Type	FY 1996 Estimated Number of Workyears On-Base
Construction:	
Facilities Support:	
Mission Support:	
Procurement:	
Other:*	
Total Workyears:	0

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

DATA CALL 66
INSTALLATION RESOURCES

UIC: 68549

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

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

N/A; no contract workyears

2) Estimated number of workyears which would be eliminated:

N/A; no contract workyears

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

N/A; no contract workyears

DATA CALL 66
INSTALLATION RESOURCES

UIC: 68549

c. "Off-Base" Contract Workyear Data. Are there any contract workyears located in the local community, but not on-base, which would either be eliminated or relocated if your activity were to be closed or relocated? If so, then provide the following information (ensure that numbers reported below do not double count numbers included in 3.a. and 3.b., above): No.

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

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

PSA NORFOLK UIC N68654
DATA CALL SIXTY-SIX

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print)

Signature

Title

Date

Activity

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print)

Signature

Title

Date

Activity

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

MAJOR CLAIMANT LEVEL

RADM H. W. GEHMAN, JR.

NAME (Please type or print)

H. W. Gehman, Jr.
Signature

15 AUG 1994

Acting

Title Commander in Chief

U.S. Atlantic Fleet

Date

Activity

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

DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)

DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

W. A. EARNER

NAME (Please type or print)

W. A. Earner
Signature

8/30/94

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."

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

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

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

ACTIVITY COMMANDER

R. E. LANDICK, CDR, USN
NAME (Please type or print)


Signature

ACTING
Title

13 July 1994
Date

PSA NORFOLK
Activity

**DATA CALL 63
FAMILY HOUSING DATA**

106

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

Installation Name:	WPNSTA Yorktown
Unit Identification Code (UIC):	N00109
Major Claimant:	NAVSEA

Percentage of Military Families Living On-Base:	21.67%
Number of Vacant Officer Housing Units:	0
Number of Vacant Enlisted Housing Units:	0
FY 1996 Family Housing Budget (\$000):	\$385.0
Total Number of Officer Housing Units:	3
Total Number of Enlisted Housing Units:	25

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

The number of officer and enlisted units reflected above are this activity's share of the family housing assets in the total survey complex, based on data extracted from the FY96 Family Housing Survey (DD Form 1377) and the Current Personnel Summary. These units are not necessarily located at this particular activity. If this activity were to close, the housing assets could still be utilized by other activities located in the survey complex.

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

MAJOR CLAIMANT LEVEL

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

Jack Buffington
Signature

COMMANDER
Title

7/20/94
Date

NAVAL FACILITIES ENGINEERING COMMAND
Activity

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

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

W. A. EARNER

NAME (Please type or print)

W. A. Earner
Signature

Title

7/25/94
Date

BRAC-95 CERTIFICATION

Reference: SECNAV NOTE 11000 dtd 8 Dec 93

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

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

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

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

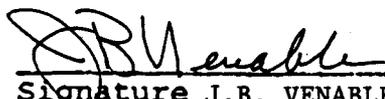
ACTIVITY COMMANDER

THOMAS A. DAMES

NAME (Please type of print)
Rear Admiral, CEC, USN

Title
LANTNAVFACENCOM

Activity



Signature J.B. VENABLE
Acting
JUL 06 1994

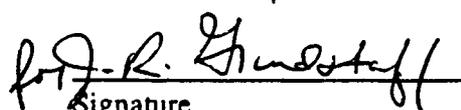
Date

ENCLOSURE(2)

BRAC-95 CERTIFICATION

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

 Paulette C. Brown
Name (Please type or print)


Signature

Head, Operations & Projects Branch
Title

7-6-94
Date

Housing Division
Division

Facilities Management
Department

LANTNAVFACENGCOM
Activity

BRAC-95 CERTIFICATION

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

J. Richard Grindstaff
Name (Please type or print)

J. Richard Grindstaff
Signature

Head. Requirements & Acquisition Branch
Title

7-6-98
Date

Housing Division
Division

Facilities Management
Department

LANTNAVFACENGCOM
Activity

BRAC-95 CERTIFICATION

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

Mark D. Raker
Name (Please type or print)

Mark D. Raker
Signature

Housing Management Specialist
Title

7/6/94
Date

Housing Division
Division

Facilities Management
Department

LANTNAVFACENGCOM
Activity

BRAC-95 CERTIFICATION

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

for Moses L. Meadows
Name (Please type or print)

for J. Richard Grindstaff
Signature

Director
Title

7-6-94
Date

Housing Division
Division

Facilities Management
Department

LANTNAVFACENGCOM
Activity

106

**DATA CALL 66
INSTALLATION RESOURCES**

Activity Information:

Activity Name:	NAVAL WEAPONS STATION, YORKTOWN, VA
UIC:	00109
Host Activity Name (if response is for a tenant activity):	
Host Activity UIC:	

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

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

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

**DATA CALL 66
INSTALLATION RESOURCES**

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

Table 1A - Base Operating Support Costs (Other Than DBOF Overhead)			
Activity Name: NAVAL WEAPONS STATION, YORKTOWN, VA		UIC: 00109	
Category	FY 1996 BOS Costs (\$000)		
	Non-Labor	Labor	Total
1. Real Property Maintenance Costs:			
1a. Maintenance and Repair	132	533	665
1b. Minor Construction	0	0	0
1c. Sub-total 1a. and 1b.	132	533	665
2. Other Base Operating Support Costs:			
2a. Utilities	444	283	727
2b. Transportation	18	1	19
2c. Environmental	2	0	2
2d. Facility Leases	0	0	0
2e. Morale, Welfare & Recreation	210	513	723
2f. Bachelor Quarters	680	0	680
2g. Child Care Centers	156	442	598
2h. Family Service Centers	567	87	654
2i. Administration	25	567	592

**DATA CALL 66
INSTALLATION RESOURCES**

2j. Other (Specify)	1301	1608	2909
Fire & Police Protection	118	0	118
Cheatham Annex Fire Protection	23	1484	1507
Bank Escorts for Exchange	0	7	7
Regional Response Force	32	58	90
Safety & Health (other than MWR)	0	3	3
Public Works Support (not PRM)	518	56	574
Religious Programs/Chapel	66	0	66
Galley/Food Service	544	0	544
2k. Sub-total 2a. through 2j:	3403	3501	6904
3. Grand Total (sum of 1c. and 2k.):	3535	4034	7569

**DATA CALL 66
INSTALLATION RESOURCES**

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

<u>Appropriation</u>	<u>Amount (\$000)</u>
----------------------	-----------------------

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

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

**DATA CALL 66
INSTALLATION RESOURCES**

Table 1B - Base Operating Support Costs (DBOF Overhead)			
Activity Name: NAVAL WEAPONS STATION, YORKTOWN, VA			UIC: 00109
Category	FY 1996 Net Cost From UC/FUND-4 (\$000)		
	Non-Labor	Labor	Total
1. Real Property Maintenance Costs:			
1a. Real Property Maintenance (>\$15K)	3379	0	3379
1b. Real Property Maintenance (<\$15K)	2029	0	2029
1c. Minor Construction (Expensed)	31	0	31
1d. Minor Construction (Capital Budget)	555	0	555
1c. Sub-total 1a. through 1d.	5994	0	5994
2. Other Base Operating Support Costs:			
2a. Command Office	824	4189	5013
2b. ADP Support	3208	1040	4248
2c. Equipment Maintenance	275	557	832
2d. Civilian Personnel Services	363	2570	2933
2e. Accounting/Finance	223	2191	2414
2f. Utilities	4591	1397	5988
2g. Environmental Compliance	5218	4349	9567
2h. Police and Fire	314	1651	1965
2i. Safety	82	553	635
2j. Supply and Storage Operations	609	854	1463
2k. Major Range Test Facility Base Costs	0	0	0
2l. Other (Specify) Military Labor, Assessments, FECA, and Public Works	5053	1713	6766
2m. Sub-total 2a. through 2l:	20760	21064	41824
3. Depreciation	2613	0	2613
4. Grand Total (sum of 1c., 2m., and 3.):	29367	21064	50431

2. Services/Supplies Cost Data. The purpose of Table 2 is to provide information about projected FY 1996 costs for the

**DATA CALL 66
INSTALLATION RESOURCES**

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

Table 2 - Services/Supplies Cost Data	
Activity Name: NAVAL WEAPONS STATION, YORKTOWN, VA	UIC: 00109
Cost Category	FY 1996 Projected Costs (\$000)
Travel:	1141
Material and Supplies (including equipment):	10861
Industrial Fund Purchases (other DBOF purchases):	4973
Transportation:	5
Other Purchases (Contract support, etc.):	37223
Total:	54203

**DATA CALL 66
INSTALLATION RESOURCES**

3. Contractor Workyears.

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

Table 3 - Contract Workyears	
Activity Name: NAVAL WEAPONS STATION, YORKTOWN, VA	UIC: 00109
Contract Type	FY 1996 Estimated Number of Workyears On-Base
Construction:	0
Facilities Support:	179.0
Mission Support:	74.0
Procurement:	0
Other:*	0
Total Workyears:	253.0

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

Mission Support (direct) contractor workyears were taken from the Workload Information System. Facilities Support (indirect) contractor workyears were calculated by subtracting the assessments (taxes) from total indirect contract dollars, then multiplying the balance by 30% and dividing by \$50,000 per workyear.

**DATA CALL 66
INSTALLATION RESOURCES**

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

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

253.0

2) Estimated number of workyears which would be eliminated:

none

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

none

**DATA CALL 66
INSTALLATION RESOURCES**

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

none

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

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

BRAC-95 CERTIFICATION

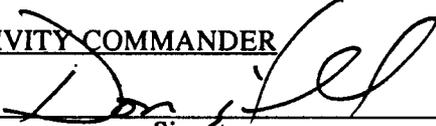
Reference: SECNAVNOTE 11000 of 08 December 1993

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.

	<u>ACTIVITY COMMANDER</u>
<u>D. N. HILL</u>	
NAME (Please type or print)	Signature
<u>Acting Commander</u>	<u>7/28/94</u>
Title	Date
<u>Naval Ordnance Center</u>	
Activity <u>Atlantic Division</u>	

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

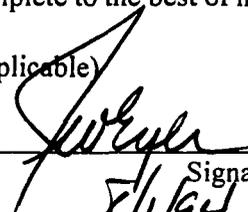
NEXT ECHELON LEVEL (if applicable)

J. W. EYER

NAME (Please type or print)
ACTING COMMANDER

Title
NAVAL ORDNANCE CENTER

Activity


Signature
8/1/94
Date

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

~~NEXT ECHELON LEVEL (if applicable)~~

~~NAME (Please type or print)~~

~~Signature~~

~~Title~~

~~Date~~

~~Activity~~

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

MAJOR CLAIMANT LEVEL

G. R. STERNER

NAME (Please type or print)

Title
Naval Sea Systems Command

Activity


Signature
8-15-94
Date

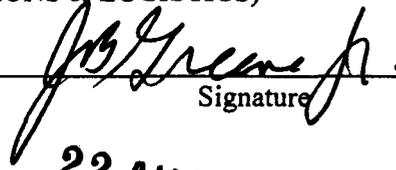
I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

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

J. B. GREENE, JR.

NAME (Please type or print)

ACTING


Signature

22 AUG 1994

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

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

Activity Name:	Naval Weapons Station Yorktown VA
UIC:	00109
Major Claimant:	Naval Sea Systems Command

General Instructions/Background:

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

Questions relating to "Community Infrastructure" are required to assist the BSEC in evaluating the ability of a community to absorb additional employees and functions as the result of relocation from a closing or realigning DON activity.

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

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

General Instructions/Background (Continued):

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

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

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

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

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

1. Workforce Data

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

Average Appropriated Fund Civilian Salary Rate:	\$32,651
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Source of Data (1.a. Salary Rate): FY 96/97 Biennial Financial Management Budget.
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DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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

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

County of Residence	State	No. of Employees Residing in County		Percentage of Total Employees	Average Distance From Base (Miles)	Average Duration of Commute (Minutes)
		Military	Civilian			
York County	VA	242	309	20	10	20
City of Newport News	VA	507	430	35	12	20
City of Hampton	VA	40	149	7	20	30
Gloucester County	VA	42	357	15	12	30
City of Williamsburg/James City County	VA	62	173	9	12	20
Other	N/A	129	258	14	N/A	N/A
Total	N/A	1022	1676	100	N/A	N/A

NOTE: Total civilian employees, 1676, include 33 non-civil service employees of tenant, Regional Operating Center, Atlantic Communications Logistics Depot, NATO, Yorktown, and 21 non-civil service employees of tenant, Naval Weapons Station Federal Credit Union, Yorktown.

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

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

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

York County and City of Newport News

Source of Data (1.b. 1) & 2) Residence Data): Navy Civilian Personnel Data System (data date 07/01/94)

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

City	County	Distance from base (miles)
Newport News	N/A	15
Hampton	N/A	20
Norfolk	N/A	40
Virginia Beach	N/A	50

NOTE: The closest major metropolitan area is the Newport News - Hampton - Norfolk - Virginia Beach MSA which is the 27th largest metropolitan area in the country.

NOTE: In Virginia, cities are separate and not included in the jurisdictional areas of counties.

Source of Data (1.c. Metro Areas): Hampton Roads Statistical Digest 1993, Volume 17
Hampton Roads Planning District Commission.

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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

Age Category	Number of Employees	Percentage of Employees
16 - 19 Years	0	0
20 - 24 Years	10	1
25 - 34 Years	234	14
35 - 44 Years	538	33
45 - 54 Years	675	42
55 - 64 Years	163	10
65 or Older	2	0
TOTAL	1,622	100 %

NOTE: Total does not include 54 non-civil service employees of tenants Regional Operating Center, Atlantic Communications Logistics Depot, NATO, Yorktown and Naval Weapons Station Federal Credit Union.

Source of Data (1.d.) Age Data): Navy Civilian Personnel Data System
(data date 07/01/94)

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

e. Education Level of Civilian Workforce

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

Last School Year Completed	Number of Employees	Percentage of Employees
8th Grade or less	7	0 (less than 1)
9th through 11th Grade	57	4
12th Grade or High School Equivalency	935	58
1-3 Years of College	322	20
4 Years of College (Bachelors Degree)	234	14
5 or More Years of College (Graduate Work)	67	4
TOTAL	1,622	100 %

NOTE: Total does not include 54 non-civil service employees of tenants Regional Operating Center, Atlantic Communications Logistics Depot, NATO, Yorktown and Naval Weapons Station Federal Credit Union.

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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

Degree	Number of Civilian Employees
Terminal Occupation Program - Certificate of Completion, Diploma or Equivalent (for areas such as technicians, craftsmen, artisans, skilled operators, etc.)	80
Associate Degree	105
Bachelor Degree	235
Masters Degree	45
Doctorate	2

Source of Data (1.e.1) and 2) Education Level Data): Navy Civilian Personnel Data System (data date 07/01/94)

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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

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

Industry	SIC Codes	No. of Civilians	% of Civilians
1. Agriculture, Forestry & Fishing	01-09	2	0.1
2. Construction (includes facility maintenance and repair)	15-17	52	3.2
3. Manufacturing (includes Intermediate and Depot level maintenance)	20-39		
3a. Fabricated Metal Products (include ordnance, ammo, etc.)	34	206	12.7
3b. Aircraft (includes engines and missiles)	3721 et al	0	0
3c. Ships	3731	0	0
3d. Other Transportation (includes ground vehicles)	various	0	0
3e. Other Manufacturing not included in 3a. through 3d.	various	27	1.7
Sub-Total 3a. through 3e.	20-39	233	14.4
4. Transportation/Communications/Utilities	40-49		

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Industry	SIC Codes	No. of Civilians	% of Civilians
4a. Railroad Transportation	40	14	0.9
4b. Motor Freight Transportation & Warehousing (includes supply services)	42	240	14.8
4c. Water Transportation (includes organizational level maintenance)	44	0	0
4d. Air Transportation (includes organizational level maintenance)	45	0	0
4e. Other Transportation Services (includes organizational level maintenance)	47	31	1.9
4f. Communications	48	1	0.1
4g. Utilities	49	65	4.0
Sub-Total 4a. through 4g.	40-49	351	21.6
5. Services	70-89		
5a. Lodging Services	70	4	0.2
5b. Personal Services (includes laundry and funeral services)	72	6	0.4
5c. Business Services (includes mail, security guards, pest control, photography, janitorial and ADP services)	73	55	3.4
5d. Automotive Repair and Services	75	9	0.6
5e. Other Misc. Repair Services	76	17	1.0
5f. Motion Pictures	78	0	0
5g. Amusement and Recreation Services	79	5	0.3
5h. Health Services	80	15	0.9
5i. Legal Services	81	0	0
5j. Educational Services	82	11	0.7
5k. Social Services	83	4	0.2

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

Industry	SIC Codes	No. of Civilians	% of Civilians
5l. Museums	84	0	0
5m. Engineering, Accounting, Research & Related Services (includes RDT&E, ISE, etc.)	87	474	29.2
5n. Other Misc. Services	89	266	16.4
Sub-Total 5a. through 5n.:	70-89	866	53.4
6. Public Administration	91-97		
6a. Executive and General Government, Except Finance	91	1	0.1
6b. Justice, Public Order & Safety (includes police, firefighting and emergency management)	92	83	5.1
6c. Public Finance	93	22	1.4
6d. Environmental Quality and Housing Programs	95	12	0.7
Sub-Total 6a. through 6d.	91-97	118	7.3
TOTAL		1,622	100 %

NOTE: Total does not include 54 non-civil service employees of tenants Regional Operating Center, Atlantic Communications Logistics Depot, NATO, Yorktown and Naval Weapons Station Federal Credit Union.

Source of Data (1.f.) Classification By Industry Data): Navy Civilian Personnel Data System (date of data 07/01/94)

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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

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

Occupation	Number of Civilian Employees	Percent of Civilian Employees
1. Executive, Administrative and Management	360	22.2
2. Professional Specialty		
2a. Engineers	139	8.5
2b. Architects and Surveyors	0	0
2c. Computer, Mathematical & Operations Research	20	1.2
2d. Life Scientists	0	0
2e. Physical Scientists	13	0.8
2f. Lawyers and Judges	0	0
2g. Social Scientists & Urban Planners	0	0
2h. Social & Recreation Workers	0	0
2i. Religious Workers	0	0
2j. Teachers, Librarians & Counselors	3	0.2

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Occupation	Number of Civilian Employees	Percent of Civilian Employees
2k. Health Diagnosing Practitioners (Doctors)	1	0.1
2l. Health Assessment & Treating(Nurses, Therapists, Pharmacists, Nutritionists, etc.)	3	0.2
2m. Communications	0	0
2n. Visual Arts	1	0.1
Sub-Total 2a. through 2n.:	180	11.1
3. Technicians and Related Support		
3a. Health Technologists and Technicians	1	0.1
3b. Other Technologists	298	18.4
Sub-Total 3a. and 3b.:	299	18.5
4. Administrative Support & Clerical	236	14.5
5. Services		
5a. Protective Services (includes guards, firefighters, police)	53	3.3
5b. Food Preparation & Service	6	0.4
5c. Dental/Medical Assistants/Aides	1	0.1
5d. Personal Service & Building & Grounds Services (includes janitorial, grounds maintenance, child care workers)	3	0.2
Sub-Total 5a. through 5d.	63	4.0
6. Agricultural, Forestry & Fishing	2	0.1
7. Mechanics, Installers and Repairers	83	5.1
8. Construction Trades	54	3.3
9. Production Occupations	91	5.6

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

Occupation	Number of Civilian Employees	Percent of Civilian Employees
10. Transportation & Material Moving	51	3.1
11. Handlers, Equipment Cleaners, Helpers and Laborers (not included elsewhere)	203	12.5
TOTAL	1,622	100 %

NOTE: Total does not include 54 non-civil service employees of tenants Regional Operating Center, Atlantic Communications Logistics Depot, NATO, Yorktown and Naval Weapons Station Federal Credit Union.

Source of Data (1.g.) Classification By Occupation Data): Navy Civilian Personnel Data System (data date 07/01/94)

DATA CALL 65

ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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

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

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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

1. Percentage of Military Employees Who Are Married:	65%
2. Percentage of Military Spouses Who Work Outside of the Home:	45%
3. Break out of Spouses' Location of Employment (Total of rows 3a. through 3d. should equal 100% and reflect the number of spouses used in the calculation of the "Percentage of Spouses Who Work Outside of the Home".	
3a. Employed "On-Base" - Appropriated Fund:	*
3b. Employed "On-Base" - Non-Appropriated Fund:	*
3c. Employed "Off-Base" - Federal Employment:	*
3d. Employed "Off-Base" - Other Than Federal Employment	*

NOTE: The percentage of military employees who are married and the military spouses who work outside the home is not available by command. There is no regulation which requires this type data be maintained. Per the Family Services Center at WPNSTA Yorktown and Naval Base Norfolk, a DOD study of the Peninsula area which includes the City of Newport News, the City of Hampton, and York County, indicated 65% of military employees are married and 45% of spouses work outside the home. Location of the spouses employment was not identified.

NOTE: * - Not Available

Source of Data (1.h.) Spouse Employment Data): Family Services Center, WPNSTA Yorktown; Family Services Center, Naval Base Norfolk

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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

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

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

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

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

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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

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

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

NOTE: 'N/A' - not applicable. See page 22.

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

NOTE: * - Fire protection for base infrastructure is provided by on-site personnel. Mutual aid fire fighting assistance agreements are held with the City of Newport News, City of Williamsburg, York County and James City County and reciprocal support agreements with Fort Eustis Army and Langley Air Force Bases.

NOTE: ** - Police protection for base infrastructure is provided by on-site personnel. Remember to mark with an asterisk any categories which are wholly supported on-base.

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

N/A

**Source of Data (2.a. 1) & 2) - Local Community Table): Code 011 WPNSTA Yorktown,
WPNSTA Yorktown Instruction 5450.1G of 4/4/94
Hampton Roads Planning District Commission**

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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

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

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

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

NOTE: 'N/A' - not applicable. See page 22.

NOTE: * - Fire protection for base infrastructure is provided by on-site personnel. Mutual aid fire fighting assistance agreements are held with the City of Newport News, City of Williamsburg, York County and James City County and reciprocal support agreements with Fort Eustis Army and Langley Air Force Bases.

NOTE: ** - Police protection for base infrastructure is provided by on-site personnel.

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

N/A

Source of Data (2.b. 1) & 2) - Regional Table): Code 011 WPNSTA Yorktown, WPNSTA Yorktown Instruction 5450.1G of 4/4/94
Hampton Roads Planning District Commission

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

3. Public Facilities Data:

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

Rental Units:

Type Unit Number Bedrooms	Vacant Units for Rent	Percent Vacant
1	4,254	9.4
2	11,884	11.4
3	3,208	6.2
4+	107	0.9

NOTE: Per the Hampton Roads Planning District Commission, data is based on a recent study, Family Housing Market Analysis, of the entire Hampton Roads metropolitan area which includes the cities of Newport News, Hampton, and Williamsburg and the counties of York, Gloucester, and James City. The study was prepared by Metro Market Trends, Inc. Pensacola, FL for the Naval Facilities Engineering Command.

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

Units for Sale:

Locality *	Vacant Units for Sale	Percent Vacant
Newport News	3340	4.6
Hampton	2099	3.5
Williamsburg	766	3.7

NOTE: Gloucester and York Counties were not included in the 1993/94 HUD survey per Hampton Roads Planning District Commission.

Source of Data (3.a. Off-Base Housing): Hampton Roads Planning District Commission

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

b. Education.

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

School District	County	Number of Schools			Enrollment		Pupil-to-Teacher Ratio		Does School District Serve Gov't Housing Units? *
		Elementary	Middle	High	Current	Max. Capacity	Current	Max. Ratio	
Newport News	N/A	25	7	4	31,894	**	19.1	25	Yes
Hampton	N/A	24	5	4	22,991	**	19.6	25	No
Williamsburg/James City County	James City	6	3	1	6,637	**	17.7	25	No
York County	York	10	3	3	10,619	**	20.4	25	Yes
Gloucester	Gloucester	5	2	1	6,235	**	17.4	25	No

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

NOTE: ** - This figure unavailable because capacity fluctuates due to the following:

1. mobile trailers can be used for classrooms if a school needs additional capacity;
2. some schools are currently being renovated or additions are under construction to increase capacity;
3. reconfiguration, rescheduling, redistricting are all possible solutions for school systems if additional space is needed before construction of schools can be completed.
4. classroom sizes vary according to the needs of the students. (example: If additional special education students are registered in a school, the capacity can decrease due to the State requirement of smaller pupil to teacher ratios for special education students.

Source of Data (3.b.1) Education Table): Hampton Roads Planning District Commission

2) Are there any on-base "Section 6" Schools? If so, identify number of schools and current enrollment.
NONE.

Source of Data (3.b.2) On-Base Schools): Hampton Roads Planning District Commission

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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

Educational Institution	Adult High School	Vocational/ Technical	Under-Graduate Only	Under-Graduate	Graduate	Remarks
College of William and Mary	No	No	No	Yes	Yes	Offers undergraduate, graduate, and doctoral degrees in 25 fields, including law.
Christopher Newport University	No	No	No	Yes	Yes	Has 50 majors and concentrations; masters programs in education & applied physics.
Thomas Nelson Community College	Yes	Yes	Yes	Yes	No	Offers 25 associate degrees; and 30 diplomas and certificates.
Hampton University	No	No	No	Yes	Yes	Offers 47 bachelor's degrees and 16 master's degrees.

NOTE: George Washington University, Emory Riddle Aeronautical, Southern Illinois University, and St. Leo's College have extension campuses in Hampton Roads and operate classes and programs designed for active duty military stationed in the region.

**Source of Data (3.b.3) Colleges): Hampton Roads Statistical Digest, 1993 Vol 17
 Hampton Roads Planning District Commission**

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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

Key Business College - Business Admin
ECPI Computer Institute - Computer Technology
Tidewater Tech - Building, Computer Technology, Auto Mechanics
Career Development Center - Accounting, Administrative Services
Gibson World Travel School - Travel Services
Chesapeake Marine Training Institute - Maritime Skills
International Bartending Institute of Newport News - Bartending
Jan-Mar Beauty Academy - Cosmetology
Tidewater School of Navigation - Maritime Skills
Riverside School of Health Occupations - Nursing, Home Care
School of Nail Technology - Manicure
Virginia School of Hair Design - Beautician
New Horizons Technical Center - Computer Technology
Computer Learning Adventure - Computer Technology
Hampton Roads Joint Apprenticeship & Training for the Electrical Industry - Electrical Trades
ProSoft Computer Training - Computer Technology

Source of Data (3.b.4) Vo-tech Training): C&P Peninsula Telephone Directory, 1994

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

c. Transportation.

1) Is the activity served by public transportation?

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

Source of Data (3.c.1) Transportation): Peninsula Area PenTran

2)

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

Williamsburg Station, Williamsburg, VA, 10 miles
Newport News Passenger Station, Newport News, VA, 15 miles

Source of Data (3.c.2) Transportation): VA State and local maps

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

Newport News/Williamsburg International Airport, Newport News, VA, 10 miles

**Source of Data (3.c.3) Transportation): Hampton Roads Statistical Digest, 1993 Vol 17
Local Map**

4) How many carriers are available at this airport?

Three, USAir, United, and American.
There are over 60 daily arrivals and departures including 5 jet departures.

Source of Data (3.c.4) Transportation): Peninsula Airport Commission

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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

Interstate 64, one-half of a mile

Source of Data (3.c.5) Transportation): Public Works Department Code 0922E

6) Access to Base:

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

Base access roads are of good quality and are adequate. There are 3 general access gates open during peak hours; congestion is at minimum. The fourth ingress/egress gate, directly off of Route 143, is for the exclusive use of commercial and government explosive loaded vehicles.

b) Do access roads transit residential neighborhoods?

The access road to Main Gate 1 transits a residential neighborhood.

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

Yes.

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

There is a draw bridge over the York River that's located approximately 2.75 miles from the base that affects traffic flow. The George P. Coleman Bridge between Yorktown and Gloucester Point is to be widened from a two lane to a four lane bridge. Work has begun with completion projected for August 1996.

Source of Data (3.c.6) Transportation): Public Works Department Code 0922E

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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

Fire Protection

WPNSTA Yorktown has Mutual Aid Fire Fighting Assistance Agreements with the City of Newport News, City of Williamsburg, York County, James City County, and the American Oil Company (AMOCO). The Station has Reciprocal Support Agreement with Fort Eustis Army and Langley Air Force Bases for fire protection assistance.

The agreements basically provide for parties to render assistance to one another by providing fire fighting apparatus and personnel when requested. The agreements include provisions for response, claims, reimbursement, responsibilities, etc.

Hazardous Materials Incidents

The City of Newport News Fire Department is designated the "Regional Response Team" and is tasked with responding to Level "A" hazardous materials incidents.

Source of Data (3.d. Fire/Hazmat): WPNSTA Yorktown Security Officer memo 11000 10 of 17 NOV 93.

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

e. Police Protection.

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

WPNSTA Yorktown has both Federal and Proprietary jurisdiction.

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

WPNSTA Yorktown exercises Exclusive Federal jurisdiction in that area north of Lebanon Church Road, and includes the Station Chapel (Building 1868) and lots 19-40 of the Mobile Home Trailer Park. The Station exercises Proprietary jurisdiction over that area south of Lebanon Church Road, extending from Gate 3 to Route 238, and includes the Mini-Mart (Building 1784), and lots 1-18 of the Mobile Home Trailer Park. The areas under Proprietary jurisdiction are covered by a Memorandum of Understanding with the Newport News Police Department dated 1 June 1990.

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

The Memorandum of Understanding with the Newport News Police Department provides for local police protection.

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

WPNSTA Yorktown has only one written agreement with the Newport News Police Department.

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

WPNSTA Yorktown military law enforcement officials are not routinely augmented by other Federal agencies.

Source of Data (3.e. 1) - 5) - Police): WPNSTA Yorktown Security Office memo 11000 10 of 17 Nov 93

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

f. Utilities.

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

This activity has "purchased utility" agreements with:

- Newport News Waterworks (water)
- Virginia Power (power)
- Hampton Roads Sanitation District (sewage)
- Virginia Natural Gas (gas)
- Government contract with Ft. Eustis Army Base (refuse)

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

No.

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

No.

Source of Data (3.f. 1) - 3) Utilities): Public Works Department Code 0933

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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

Employer	Product/Service	No. of Employees
1. Newport News Shipbuilding	Shipbuilding, repair, and overhaul	22,000
2. Fort Eustis Army Base	Army transportation center	14,900
3. Langley Air Force Base	ACC Headquarters	11,610
4. Sentara Hampton General	Health care	6,725
5. Riverside Health System	Health care	5,024
6. Colonial Williamsburg Foundation	Living history	3,500
7. WPNSTA Yorktown	Maintenance/storage of weapons	2,717
8. Fort Monroe	TRADOC Headquarters	2,560
9. Anheuser-Busch	Beer and theme park	1,700
10. Canon Virginia	Manufacturer of copiers and printers	1,200

Source of Data (4. Business Profile): Daily Press Supplement - Working on the Peninsula - January 25, 1994

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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

a. Loss of Major Employers:

The area has lost no major employer in the last five years. Defense cuts have impacted the area causing defense contractors to cut back on the number of workers. The largest private employer, Newport News Shipbuilding, has reduced its workforce significantly from over 30,000 a few years ago, to over 20,000 today with a target employment level of 15,000 by 1996. Military and civilian federal employees are being reduced due to military downsizing and budget reductions. Reductions have been accomplished through reorganization, realignment and consolidation of functions, attrition, and reduction-in-force.

Source of Data (5.a Other Socio/Econ): Hampton Roads Planning District Commission; Hampton Roads Statistical Digest 1993 Vol.17; Code 012 WPNSTA Yorktown

b. Introduction of New Businesses/Technologies:

Continuous Electron Beam Accelerator facility (CEBAF), a premier physics research facility.

United Solar Systems Corp., manufacturer of solar panels.

Jay Plastics, Inc., manufacturer of heat-sealed vinyl products, is relocating its headquarters to the area.

Greystone, Inc., machining and metal finishing.

Source of Data (5.b Other Socio/Econ): Statistical Digest of Hampton Roads 1993
Vol 17

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

c. Natural Disasters:

On 6 August 1993, a tornado passed through the area of WPNSTA Yorktown, Newport News, and Hampton. Scores of homes and businesses were damaged, trees uprooted, power lines felled, vehicles and mobile homes overturned. Preliminary estimates in damages to only government property on the Station exceeded \$600,000. There were no reported deaths or injuries associated with the tornado in this immediate area.

Source of Data (5.c Other Socio/Econ): The Flagship, 19 Aug 1993 issue.
The Booster, September 1993 issue.

d. Overall Economic Trends:

Defense cuts continue to hamper the regional economy. Employment growth rates were in the 4-7 percent range in the mid-1980s and are today in the 0.5-1.6 percent range. Further defense downsizing will continue to hold down growth rates and elevate the unemployment rate. On the Peninsula, the tourist industry (Busch Gardens, Colonial Williamsburg, Water Country USA) remains among the top employers of civilian jobs. The region's population continues to expand along with the associated residential construction. The regional tax base has expanded accordingly with higher levels of retail sales, personal property and real estate taxes being collected.

Source of Data (5. Other Socio/Econ): Hampton Roads Planning District Planning Commission; Hampton Roads Statistical Digest 1993 Vol 17

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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

WPNSTA Yorktown military and civilian employees pledge and contribute annually to the Peninsula Combined Federal Campaign (CFC) United Way.

WPNSTA Yorktown has a partnership agreement with Magruder Elementary School, York County, allowing military personnel to volunteer to tutor the children enrolled.

WPNSTA Yorktown's 1st Class Petty Officer's Association supports the Head Start Program through fund raising efforts and events.

WPNSTA Yorktown sponsors a military and civilian employee volunteer group to participate in the Chesapeake Bay Clean Up campaigns.

WPNSTA Yorktown military and civilian employees participate in York County's annual 4th of July and Yorktown Day parades and celebrations by assisting in the preparations and by providing marching units, flag bearers, invited speakers, and a reviewing stand.

The Station is host to Open House for designated ships at our pier. This is often in conjunction with other on-going events in the area.

The WPNSTA Yorktown Credit Union supports the Make-A-Wish Foundation for terminally ill children.

Persons doing historical research of the area often request permission to visit the Lee House (Kiskiak), one of oldest and finest examples of 17th century architecture. The Public Affairs Officer escorts the person(s) to the site located within the restricted area of the station.

Ancestors of persons buried in the 8 cemeteries on Station are escorted to the graves whenever a request to visit the grave is received.

Source of Data (6. Other): WPNSTA Yorktown Public Affairs Office

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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

NEXT ECHELON LEVEL (if applicable)

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

Signature



COMMANDER
Title
NAVAL ORDNANCE CENTER
ATLANTIC DIVISION
Activity

Date

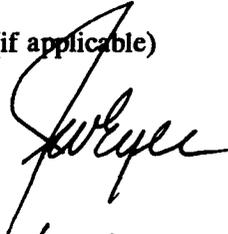
7/15/94

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. W. EYER
NAME (Please type or print)

Signature



ACTING COMMANDER
Title
NAVAL ORDNANCE CENTER
Activity

Date

7/29/94

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)

Signature G. R. STERNER

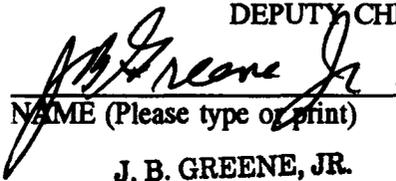
Commander
Title
Naval Sea Systems Command
Activity

Date

8/2/94

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)


NAME (Please type or print)

Signature

J. B. GREENE, JR.

Title

Date

17 AUG 1994

ACTING

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 # 65

ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

ACTIVITY COMMANDER

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

Signature



COMMANDING OFFICER
Title

Date

7/15/94

NAVAL WEAPONS STATION
YORKTOWN VA

Activity

*See Revised
Data Call*

106

31 May 1994

**CAPACITY DATA CALL
NAVAL WEAPONS STATIONS,
NAVAL MAGAZINES,
and
STRATEGIC MISSILE FACILITIES**

Questions for the Activities

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

*There is a Secret Annex to this Data Call -
it is located in the BSAT Safe.*

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

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

Questions for the Activities:

Primary Activity UIC: 00109 *Naval Weapons Station Yorktown*
(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.

1. Inventory, continued

Table 1.1.a: Historic and Predicted Inventory

Ammunition / Ordnance Commodity Type	Units in Inventory (items)							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
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								
Expendables								
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	4007924	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 - Where two numbers are displayed, first number is all-up-rounds and second number is components.

1. Inventory, continued

Table 1.1.b: Historic and Predicted Inventory

Ammunition / Ordnance Commodity Type	Units in Inventory (items)							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mines	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 4331	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								
Expendables								
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.

2. Stowage

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

Table 2.1: Present and Predicted Stowage Capability

Ammunition / Ordnance Commodity Type	Present Stowage Capability	Maximum Stowage Capability
Mines	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		
Expendables		
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)		

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

NOTE: Classified data reported separately.

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**

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	
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	
91 / Fuse & Det	1.1-1.4	15,000	Y	N	
95 / Fuse & Det	1.4	5,000	Y	N	
96 / Fuse & Det	1.4	5,000	Y	N	
260 / Fuse & Det	1.1-1.4	7,000	Y	N	
261-269 / Fuse & Det	1.1-1.4	70,000	Y	N	
510 / Fuse & Det	1.4	50,000	Y	N	
F1 / Fuse & Det	1.1-1.4	70,000	Y	N	
F2 / Fuse & Det	1.1-1.4	70,000	Y	N	
F5 / Fuse & Det	1.1-1.4	35,000	Y	N	
25 / High Expl	1.1-1.4	250,000	Y	N	
26 / High Expl	1.1-1.4	90,000	Y	N	
112-117 / High	1.1-1.4	250,000	Y	N	

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

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

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

1365 / High Expl	1.1-1.4	500,000	Y	N	
1370 / High Expl	1.1-1.4	60,000	Y	N	
1371 / High Expl	1.1-1.4	80,000	Y	N	
1596 / High Expl	1.1-1.4	250,000	Y	N	
1823-1825 / High Expl	1.1-1.4	250,000	Y	N	
1875-1876 / High Expl	1.1-1.4	250,000	Y	N	
1974 / High Expl	1.1-1.4	250,000	Y	N	
256 / Ready Mag	1.1-1.4	35,000	Y	N	
438 / Small Arms, Pyro	1.3-1.4	2,000	Y	N	
1369 / Small Arms, CAD	1.4	PC	Y	N	
6,24,101,178 / Inert			N	N	
403-412 / Inert			N	N	
414-418 / Inert			N	N	
420,479-485 / Inert			N	N	
506,541-550 / Inert			N	N	
6009,624,714 / Inert			N	N	
717,718 / Inert			N	N	
788,805,806 / Inert			N	N	
1799,1803,1804 / Inert			N	N	
1975,1984 / Inert			N	N	
720 / Special Weapons, Igloo	1.1	50,000	Y	N	
726-755 / Special Weapons, Igloo	1.1	50,000	Y	N	

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

2. Stowage, continued

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

- 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 ft^2 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 ft^2 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.

Mission Area**3. Throughput**

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

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

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

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

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

* 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.

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**

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

* 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".

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

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

NOTE: Information not available for 1986

3. Throughput, continued

Table 3.2.c: Historic and Predicted Throughput in Tons

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

NOTE: Workload forecast not programmed through 2001.

3. Throughput, continued

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

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

Type of Ship		Annual Short Tons Throughput							
		FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Combatants	CV /CVN				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									

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

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

Type of Ship		Annual Short Tons Throughput							
		FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Combatants	CV / CVN	(1)	(1)	(1)	(1)	(1)			
	Other	3883	7282	6054	6900	6287			
Navy Bulk (AE, AOE, AOR, etc.)		1742	1187	2850	4870	3187			
Navy Amphibious Ships		9479	2292	2471	3586	2172			
Other Break Bulk		0	500	500	500	500			
Container Ship									

NOTE: Throughput forecast provided through 1998 only.

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

3. Throughput, continued

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

Table 3.4: Maximum Potential Ordnance Throughput Capability

Type of Ship		Short Tons Throughput						
		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								

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 4 ten hour shifts and four crews. If the primary lift is threat weapons, a total of 640 tons for combatants could be achieved.

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.

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.

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								
Air Launched Threat								
Surface Launched Threat								
Other Threat								
Expendables								
INERT	1.3K	1.1K	1.3K	2.1K	3.7K	3.4K	2.9K	1.8K
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) Calibration	13.9K	17.1K	17.7K	22.0K	24.2K	21.0K	26.4K	397.5K
Total:	58.4 K	91.9K	43.1K	26.8K	31.2K	27.8K	32.0K	399.4K

Mission Area

4. Maintenance and Testing

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

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

Ordnance Type	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								
INERT	133K	130K	145K	158K	16.7K	65.9K	321K	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	1.0K	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	436.0K	385.2K	317.8K	269.3K	1.3M	687.7K

* CHAFF/AIR COUNTER/DECOYS/FLARES/SUS

4. Maintenance and Testing, continued

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

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								
Air Launched Threat								
Surface Launched Threat								
Other Threat								
Expendables								
INERT	2.3K	2.7K	2.6K	2.5K	2.4K	2.3K	2.2K	2.2K
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) Calibration	180.2 K	75.9K	42.2K	23.2K	25.3K	25.3K	25.3K	25.3K
Total:	182.6 K	78.7K	44.9K	25.8K	27.8K	27.7K	27.6K	27.6K

4. Maintenance and Testing, continued

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

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								
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								
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	551.6K	561.3K	551.2K	561.2K

*CHAFF/DECOYS/AIR COUNTER/FLARES/SUS

4. Maintenance and Testing, continued

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

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								
Air Launched Threat								
Surface Launched Threat								
Other Threat								
Expendables								
INERT	10.0K	7.7K	10.5K	15.2K	18.6K	21.0K	16.6K	11.2K
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) 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

4. Maintenance and Testing, continued

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

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	N/A	N/A	N/A	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								
INERT	3.7K	3.1K	3.5K	5.3K	1.5K	2.7K	2.6K	2.2K
CADs/PADs		0.2K	0.1K	0.1K			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	354.7K	386.1K	320.4K	383.1K	299.3K

* CHAFF/DECOY/AIR COUNTER/FLARES/SUS

4. Maintenance and Testing, continued

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

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								
Air Launched Threat								
Surface Launched Threat								
Other Threat								
Expendables								
INERT	27.8K	31.4K	31.5K	30.2K	30.4K	29.6K	24.1K	17.2K
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) 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

4. Maintenance and Testing, continued

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

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	71.5 K
Other Threat	7.5K	8.2K	8.8K	8.9K	9.5K	9.6K	9.7K	9.8K
Expendables								
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								
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

* CHAFF/DECOYS/AIR COUNTER/FLARES/SUS

4. Maintenance and Testing, continued

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

Table 4.2.a: Maximum Potential Maintenance and Testing Workload

Ordnance Type	Units Throughput 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							
Air Launched Threat							
Surface Launched Threat							
Other Threat							
Expendables							
INERT	13.0K	13.0K	13.0K	13.0K	13.0K	13.0K	13.0K
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) 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

4. Maintenance and Testing, continued

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

Table 4.2.a: Maximum Potential Maintenance and Testing Workload

Ordnance Type	Units Throughput 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							
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

* CHAFF/DECOYS/AIR COUNTER/FLARES/SUS

4. Maintenance and Testing, continued

Table 4.2.b: Maximum Potential Maintenance and Testing Workload

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							
Air Launched Threat							
Surface Launched Threat							
Other Threat							
Expendables							
INERT	96.8K	96.8K	96.8K	96.8K	96.8K	96.8K	96.8K
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) 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

4. Maintenance and Testing, continued

Table 4.2.b: Maximum Potential Maintenance and Testing Workload

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							
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	912.9 K	912.6 K	914.0 K	935.6 K	936.8 K	936.8K

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

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

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		2400
Harm Components	10	"		1200
Hellfire Components	30	"		1600
Maverick Components	30	"		1200
Walleye Components	30	"		1200
Sidearm Components	30	"		1000
LGB Components	36	"		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

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

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.

4. Maintenance and Testing, continued*Questions 4.10-4.15 refer to Depot Maintenance workload performance only.*

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

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

Commodity Type	Throughput (Units)							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Ordnance	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	27827	31955	399435 *

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	2345	2175	2201
Mine Components	100	90	90	80	80	80	80	80
Other	180242	75858	42152	23244	25264	25276	25296	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.

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

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.

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".

4. Maintenance and Testing, continued

Table 4.15.c: PREDICTED WORKLOAD VARIANCE FOR FY 1997

FY 1997 Commodity Type	Product (units)			DLMHs		
	Predicted Workload	Potential Workload	Variance	Predicted Workload	Potential Workload	Variance
Ordnance	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

FY 1998 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".

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".

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

<i>FY 2001</i> Commodity Type	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**

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								
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)AN/SSQ-110								3854

5. Manufacturing Workload, continued

Table 5.1.b: Historic and Predicted Manufacturing Workload

Ordnance Type	Units Throughput							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mines								
Torpedoes	153							
Air Launched Threat								
Surface Launched Threat	499							
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)AN/SSQ-110	7.6K	18.0K	14.5K					

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.

5. Manufacturing Workload, continued

Table 5.1.c: Historic and Predicted Manufacturing Workload

Ordnance Type	DLMHs							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Mines	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	23.1K	0.1K	4.7K	14.1K	15.3K	0	0	8.5K
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)AN/SSQ-110								23.0K

5. Manufacturing Workload, continued

Table 5.1.d: Historic and Predicted Manufacturing Workload

Ordnance Type	DLMHs							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mines								
Torpedoes	7.0K							
Air Launched Threat								
Surface Launched Threat	16.6K							
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) AN/SSQ-110	18.0K	36.0K	29.0K					

5. Manufacturing Workload, continued

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

Table 5.2.a: Maximum Potential Manufacturing Workload

Ordnance Type	Units Throughput						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mines							
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 AN/SSQ-100	18K	18K	18K	18K	18K	18K	18K

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.

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

Ordnance Type	DLMHs						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mines							
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 AN/SSQ-110	36.0K	36.0K	36.0K	36.0K	36.0K	36.0K	36.0K

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

5.7 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

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

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

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.

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?

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?

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.)?

6. In-Service Engineering Workload, continued

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

Table 6.7: In-Service Engineering Factors

Ordnance Type	Current Servicing Rate	Limiting Factor	Cost to Remove (\$ K)	New Servicing Rate

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**

Program Element	Throughput (DLMHs)							
	FY 1986	FY 1987	FY 1989	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Mines								
Torpedoes								
Air Launched Threat								
Surface Launched Threat	37.0K	37.1K	44.4K	49.6K	61.9K	64.4K	99.3K	81.7K
Other Threat								
Expendables *	0	0	0	0	11.4K	24.3K	25.3K	27.5K
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) **	10.6K	7.6K	6.0K	11.4K	5.5K	0	0	0

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

7. Technical Support, continued

Table 7.1.b: Historic and Predicted Technical Support

Program Element	Throughput (DLMHs)							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mines								
Torpedoes								
Air Launched Threat	82.5K	67.8K	64.7K	64.7K	64.7K	64.7K	64.7K	64.7K
Surface Launched Threat								
Other Threat								
Expendables *	27.4K	24.0K	24.0K	24.0K	24.0K	24.0K	24.0K	24.0K
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: * SUS, AN/SSQ-110, EER, Guilderfish, Overture Impala

7. Technical Support, continued

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

Table 7.2: Maximum Potential Technical Support

Program Element	DLMHs						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mines							
Torpedoes							
Air Launched Threat	127.8K	122.3K	122.3K	122.3K	122.3K	122.3K	122.3K
Surface Launched Threat							
Other Threat							
Expendables *	36.0K	36.0K	36.0K	36.0K	36.0K	36.0K	36.0K
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: * SUS, AN/SSQ-110, EER, Guilderfish, Overture Impala

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.

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

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 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				
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

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		
24	IA	0	N	N		
101	A	.5	N	N		
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	
415	A	1.127	N	Y	JP-10 MISSILES	Operational Use

Additional Comments:

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

Additional Comments:

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				
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	

Additional Comments:

8. Stowage Facilities, continued

Table 8.1: Stowage Facility Conditions

Site/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

Additional Comments:

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

Additional Comments:

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

Additional Comments:

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 SummarySite: Yorktown

Type of Magazine	Total This Type	Square Footage			
		Adequate	Substandard	Inadequate	Total
RDT&E STORAGE	18	3956	16		3972
FUZE & DET	23	37060			37060
HIGH EXPL	155	327700			327700
READY SERVICE	3	2132			2132
SMALL ARMS	12	8977			8977
MISSILE	32	220438		15250	235688
	Total:	599263	16	15250	614529

NOTE: Facility summary includes facilities utilized by the host activity and tenants.

8. Stowage Facilities, continued

Table 8.2.b: Facility Stowage Summary

Type Magazine: RDT&E STORAGE

Location	Total # Magazines	Square Footage			
		Adequate	Substandard	Inadequate	Total
YORKTOWN	18	3956	16		3972
Total:		3956	16		3972

Table 8.2.b: Facility Stowage Summary

Type Magazine: FUZE & DETONATOR

Location	Total # Magazines	Square Footage			
		Adequate	Substandard	Inadequate	Total
YORKTOWN	23	37060			37060
Total:		37060			37060

8. Stowage Facilities, continued

Table 8.2.b: Facility Stowage Summary

Type Magazine: HIGH EXPLOSIVE

Location	Total # Magazines	Square Footage			
		Adequate	Substandard	Inadequate	Total
YORKTOWN	155	327700			327700
Total:		327700			327700

Table 8.2.b: Facility Stowage Summary

Type Magazine: READY SERVICE

Location	Total # Magazines	Square Footage			
		Adequate	Substandard	Inadequate	Total
YORKTOWN	3	2132			2132
Total:		2132			2132

8. Stowage Facilities, continued

Table 8.2.b: Facility Stowage Summary

Type Magazine: SMALL ARMS

Location	Total # Magazines	Square Footage			
		Adequate	Substandard	Inadequate	Total
YORKTOWN	12	8977			8977
Total:		8977			8977

Table 8.2.b: Facility Stowage Summary

Type Magazine: MISSILE BOX

Location	Total # Magazines	Square Footage			
		Adequate	Substandard	Inadequate	Total
YORKTOWN	32	220438		15250	235688
Total:		220438		15250	235688

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

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

Facility Number	Function	Condition (KSF)			Total
		Adequate	Substandard	Inadequate	
3	IM	51			51
476	DM, T, TS	154			154
625	IM	.2			.2
781	IM, T		7		7
783	IM	.5			.5
785	IM	.1			.1
1347	IM	15			15
1348	IM	7.5			7.5
1350	IM	1.1			1.1
1466	IM	9			9
1467	IM	19.7			19.7
1595	IM, T	59.2			59.2
1801	IM	.9			.9
1802	IM	.9			.9
1990	IM, T	48.4			48.4
385	IM		4		4
467	IM	11.1			11.1
535	IM	.3			.3
586	IM		.1		.1
618	IM		.1		.1

466	DM, T	.8		.8
782	IM		11	11
784	IM	.4		.4
786	IM	2		2
1833	IM	25		25
1834	IM	15		15
1456	IM		14.5	14.5
1798	IM	2		2
719	IM	3		3
721	IM, T	5.6		5.6
723	IM	2		2
724	IM	1		1
793	IM	1		1
1840	IM, T	9.2		9.2
1841	IM, T	10.3		10.3
5	TS		52.7	52.7
28	T	11.5		11.5
522	TS		.8	.8
521	TS, T		8.9	8.9
523	T	1.8		1.8
524	TS	.2		.2
533	T	.5		.5
534	TS	.1		.1
633	TS	.1		.1
1346	TS, T		46.7	46.7
1351	TS, T		16.2	16.2
1451	TS, T	.1		.1
1586	TS	.1		.1
1673	T	.3		.3

4	DM		47.6		47.6
1432	IM	.5			.5
426	TS	4.8			4.8
683	TS	8.1			8.1
126	T	1.1			1.1
127	T	1.1			1.1
1	T	10			10
428	IM		32		32
449	IM	2.3			2.3
1202	IM	4			4
1811	IM	11.2			11.2
1812	IM	8.8			8.8
2021	IM, T	7.3			7.3
2020	IM, T, TS	79			79
2029	TS	2.3			2.3
299	T, TS	1.1			1.1
376	T, TS	.8			.8
1959	T, TS	54			54
710	TS	5.5			5.5
430	IM, TS		19.3		19.3
1899	IM, TS	6			6
1794	M, TS	25			25
476	TS	26.6			26.6
819	IM, TS, T	.8			.8
1816	IM, TS, T	19.5			19.5
1818	IM, TS, T	2.5			2.5
1897	IM, TS, T	.5			.5
10	M		21.8		

Activity: 00109

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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

Building Type	Facility Number	Installation Space (KSF)			Total KSF
		Adequate	Substandard	Inadequate	
226-55	10		107,825		107,825
226-55	10A		3,000		3,000
226-55	98		361		361
226-55	527	1,364			1,364
226-55	528	1,886			1,886
226-55	528A	3,752			3,752
226-55	500		24,897		24,897
226-55	500A		11,070		11,070
226-55	501		13,755		13,755
226-55	501A		9,724		9,724
216-10	109	15,060			15,060
226-55	110		22,086		22,086
226-55	627		2,077		2,077
226-55	628	1,998			1,998
226-55	629		5,150		5,150
226-55	375		19,100		19,100
226-55	502		11,690		11,690
226-55	502A		6,069		6,069
226-55	503		18,054		18,054
226-55	503A		21,025		21,025

226-55	504		2,416		2,416
226-55	505		1,878		1,878
226-55	1979	120			120
226-55	1213	100			100
143-78	2007	690			690
143-78	2008	462			462
216-10	82		702		702
216-10	435		35,141		35,141
212-10	783	450			450
216-10	786	1,904			1,904
730-25	1401	64			64
216-10	80		7,187		7,187
216-10	79	6,394			6,394
216-50	722		6,030		6,030
216-50	790	7,000			7,000
216-50	814	950			950
226-85	11		6,816		6,816

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

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 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.

Features and Capabilities, continued**13. Physical Space for Industrial Support**

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

Table 13.1: **Real Estate Resources**Site Location: 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 Program	0	0	0	0
Hunting/Fishing Programs	7500	0	6500	1000
Other				
Total:	17046	1117	13560	2369

13. Physical Space for Industrial Support, continued

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

Table 13.2: Base Utilities and Support Services

Site: 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)	*	-	-	-
Sewage (GPD)	-	350,000	245,155	311,368
Potable Water (GPD)	-	1,440,000	585,864	772,734
Steam (lb/Hr)	228,813	-	23,000	70,417
Long-term Parking	-	-	-	-
Short-term parking	-	-	-	-

* 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

Features and Capabilities, continued**15. Personnel Support Facility Data**

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

Table 15.1: **Bachelor Housing Facilities**

Facility Type, Bldg. # & CCN	Total # Beds	Total # Rooms	Adequate		Substandard		Inadequate	
			Beds	SF	Beds	SF	Beds	SF
BOQ Bldg 704 724-11 724-12	1	1	1	40				
BEQ Bldg 706 721-11 721-12 721-13	8	4					8	230* 115
BEQ Bldg 707 721-11 721-12 721-13	8	4					8	230* 115
BEQ Bldg 1807 721-11	16	8			16	23		

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

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.

15. Personnel Support Facility Data, continued

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

Table 15.3: **Bachelor Housing Facilities**

Facility Type, Bldg. # & CCN	Total # Beds	Total # Rooms	Adequate		Substandard		Inadequate	
			Beds	SF	Beds	SF	Beds	SF
BOQ Bldg 704 724-11 724-12	1	1	1	40				
BEQ Bldg 706 721-11 721-12 721-13	8	4					8	230* 115
BEQ Bldg 707 721-11 721-12 721-13	8	4					8	230* 115
BEQ Bldg 1807 721-11	16	8			16	23		

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

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: N/A

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

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	N/A	N/A	N/A	N/A	N/A	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: N/A

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

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	50 24	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

**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

COMMODITY GROUP	INDEX (DLHs)				
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999
Mine Components	7.0K	7.0K	7.0K	7.0K	7.0K
Other	150.0K	150.0K	150.0K	150.0K	150.0K
Ordnance	45.0K	45.0K	45.0K	45.0K	45.0K
TOTAL	202.0K	202.0K	202.0K	202.0K	202.0K

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.
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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</u>	<u>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</u>	<u>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

8. Unique and/or Peculiar Capabilities and Capacities

8.1 What unique and/or peculiar capabilities and capacities does the depot maintenance activity possess?

Depot Maintenance Capability/Capacity

Describe Why Unique/Peculiar

CALIBRATION/REPAIR OF CWI NOISE MONITORS (MODELS MK 666, MK 39

THIS CAPABILITY IS UNIQUE TO THIS ACTIVITY, BASED ON TEST

TEST SETS)

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.

Facility/Equipment

Describe Why It is One of a Kind

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

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				
Total:	17046	1117	13560	2369

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

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
TOTAL	0	0	0	0

Workload and Capabilities, continued

14. Other Workloads (Above Core), continued

Table 14.1.b: Interservice Above Core Workload

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
OTHER	13.7K	15.0K	15.0K	15.0K
TOTAL	13.7K	15.0K	15.0K	15.0K

Table 14.1.c: Other Agency Above Core Workload

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
TOTAL	0	0	0	0

Workload and Capabilities, continued

14. Other Workloads (Above Core), continued

Table 14.1.d: Last Source of Repair Workload

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
TOTAL	0	0	0	0

Workload and Capabilities, continued

14. Other Workloads (Above Core), continued

Table 14.1.e: Within Service Above Core Workload

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
OTHER	47.6K	46.7K	46.7K	46.7K
TOTAL	47.6K	46.7K	46.7K	46.7K

Workload and Capabilities, continued

14. Other Workloads (Above Core), continued

Table 14.1.f: Low Quantity Above Core Workload

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
TOTAL	0	0	0	0

Workload and Capabilities, continued

14. All Other Workloads (Above Core), continued

Table 14.1.g: All Other Workload (Above Core)

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
TOTAL	0	0	0	0

Workloads and Capabilities, continued

14. Other Workloads (Above Core), continued

Table 14.1.h: **Total Above Core Workload**
 (Sum of Tables 14.1.a through 14.1.g)

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
OTHER	61.3K	61.7K	61.7K	61.7K
TOTAL	61.3K	61.7K	61.7K	61.7K

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

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
OTHER	5.8K	5.8K	5.9K	5.9K
TOTAL	5.8K	5.8K	5.9K	5.9K

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

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
TOTAL	0	0	0	0

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 PROCEEDURES 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

¹There 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.

Table 20.1: **Environmental Compliance Costs**

COST(\$K)	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997
Actual								
Programmed								

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

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 - *Classified Annex*

ACTIVITY COMMANDER

R. C. SCHOLLES
NAME (Please type or print)

RCS
Signature

Acting Commanding Officer
Title
Naval Weapons Station
Yorktown, Virginia
Activity

23 May 1994
Date

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

NEXT ECHELON LEVEL (if applicable)

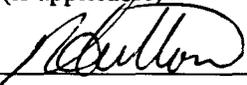
S. W. DELAPLANE
NAME (Please type or print)
COMMANDER
Title
NAVAL ORDNANCE CENTER
ATLANTIC DIVISION
Activity


Signature
24 MAY 94.
Date

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

NEXT ECHELON LEVEL (if applicable)

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


Signature
31 MAY 94
Date

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

MAJOR CLAIMANT LEVEL

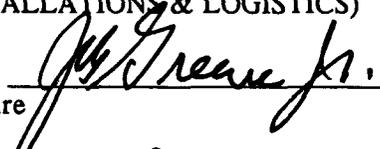
G. R. STERNER
G. R. STERNER
NAME (Please type or print)
Commander
Title
Naval Sea Systems Command
Activity


Signature
6-3-94
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


Signature
10 June 94
Date

NAVAL WEAPONS STATION YORKTOWN - DC25 Classified Annex

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

1 JUN 94

Date

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

~~NEXT ECHELON LEVEL (if applicable)~~

~~NAME (Please type or print)
Title
Activity~~

~~Signature~~

~~Date~~

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

MAJOR CLAIMANT LEVEL

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

Signature

G R Sterner

6/3/94

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

Signature

J B Greene Jr

10 JUNE 94

Date

BRAC-95 CERTIFICATION

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

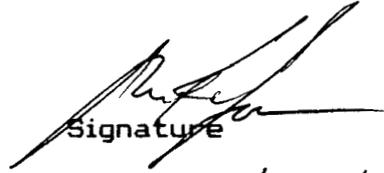
M. C. LOOSE, LT, USN
NAME (Please type or print)

SPECIAL WEAPONS OFFICER
Title

Division

SPECIAL WEAPONS DEPARTMENT
Department

NAVAL WEAPONS STATION YORKTOWN, VA
Activity



Signature

Date 5/19/94

Document Separator

23 May 1994

*N 55 256 Mobile Mine Assembly Group
Unit Fourteen, Yokohama
Sections 1-7*

CAPACITY DATA CALL

**NAVAL WEAPONS STATIONS,
NAVAL MAGAZINES,
and
STRATEGIC MISSILE FACILITIES**

Questions for the Activities

Category
Sub-Category

**Industrial Activities
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**

Encl (4)

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.

JCSG-DM: Maintenance and Industrial Activities

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

CAPACITY DATA CALL
NAVWPNSTAs, NAVMAGs, and STRATEGIC MISSILE FACILITIES

Questions for the Activities

Table of Contents

Table of Acronyms 2

Mission Area 3

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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

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

Questions for the Activities:Primary Activity UIC: N55256

(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).*

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

Ammunition / Ordnance Commodity Type	Units in Inventory (items)							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Mines	1420	1420	1420	1744	1643	1643	1848	1848
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								

1. Inventory, continued

Table 1.1.b: Historic and Predicted Inventory

Ammunition / Ordnance Commodity Type	Units in Inventory (items)							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mines	1848	1848	1848	1848	1848	1848	1848	1848
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								

2. Stowage

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

Table 2.1: Present and Predicted Stowage Capability

Ammunition / Ordnance Commodity Type	Present Stowage Capability	Maximum Stowage Capability
Mines	1848	1848
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)		

2. Stowage, continued

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

Table 2.2: Total Facility Capability SummarySite: Barksdale, LA

Facility Number	PRESENT INVENTORY		PREDICTED INVENTORY FY 2001		MAXIMUM STOWAGE CAPABILITY	
	TONS	SQ FT	TONS	SQ FT	TONS	SQ FT
B-5	120,000	2,000	120,000	2,000	120,000	2,000
C-5	120,000	2,000	120,000	2,000	120,000	2,000
C-6	120,000	2,000	120,000	2,000	120,000	2,000
D-1	120,000	2,000	120,000	2,000	120,000	2,000
Total This Site	480,000	8,000	480,000	8,000	480,000	8,000

2. Stowage, continued

Table 2.2: Total Facility Capability Summary

Site: Hawthorne, NV

Facility Number	PRESENT INVENTORY		PREDICTED INVENTORY FY 2001		MAXIMUM STOWAGE CAPABILITY	
	TONS	SQ FT	TONS	SQ FT	TONS	SQ FT
14-72	307,500	2,000	307,500	2,000	307,500	2,000
Total This Site	307,500	2,000	307,500	2,000	307,500	2,000

2. Stowage, continued

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

Table 2.3: Facility Rated Status

Facility Number / Type	Hazard Rating (1.1-1.4)	Rated N.E.W.	ESQD Arc		
			Established (Y / N)	Waiver (Y / N)	Waiver Expiration Date
B-5 (Igloo)	1.1	70,000	Y	N	N/A
C-5 (Igloo)	1.1	170,000	Y	N	N/A
C-6 (Igloo)	1.1	19,000	Y	N	N/A
D-1 (Igloo)	1.1	30,000	Y	N	N/A
14-72 (Box)	1.1	120,000	Y	N	N/A

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.).

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).

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.)?

Mission Area

3. Throughput

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

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

Munitions Type	Throughput Requirement (tons/day)		
	Peacetime Operations	Mobilization	Sustainment
LOE			
Threat			
Nuclear Threat			
Other			

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

Munitions Type	Throughput Requirement (units/day)		
	Peacetime Operations	Mobilization	Sustainment
LOE			
Threat			
Nuclear Threat			
Other			

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

		PIER	VERTREP	RAIL	TRUCK
Maximum Rated Capability	LOE				
	Threat				
	Nuclear Threat				
	Other				
Requirement (Peacetime Operations)	LOE				
	Threat				
	Nuclear Threat				
	Other				
Requirement (Mobilization)*	LOE				
	Threat				
	Nuclear Threat				
	Other				
Requirement (Sustainment)*	LOE				
	Threat				
	Nuclear Threat				
	Other				

* 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".

3. **Throughput, continued**

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

		PIER	VERTREP	RAIL	TRUCK
FY 1986 (Executed)	LOE				
	Threat				
	Nuclear Threat				
	Other				
FY 1991 (Executed)	LOE				
	Threat				
	Nuclear Threat				
	Other				
FY 1994 (Executed)	LOE				
	Threat				
	Nuclear Threat				
	Other				

3. Throughput, continued

Table 3.2.c: Historic and Predicted Throughput in Tons

		PIER	VERTREP	RAIL	TRUCK
FY 1997 (Programmed)	LOE				
	Threat				
	Nuclear Threat				
	Other				
FY 2001 (Programmed)	LOE				
	Threat				
	Nuclear Threat				
	Other				
FY: _____ Minimum Outload Workload	LOE				
	Threat				
	Nuclear Threat				
	Other				
FY: _____ Maximum Outload Workload	LOE				
	Threat				
	Nuclear Threat				
	Other				

3. Throughput, continued

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

Table 3.3.a: Historic/Programmed Ordnance Throughput Capability

Type of Ship		Annual Short Tons Throughput							
		FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Combatants	CV /CV N								
	Other								
Navy Bulk (AE, AOE, AOR, etc.)									
Navy Amphibious Ships									
Other Break Bulk									
Container Ship									

3. Throughput, continued

Table 3.3.b: Historic/Programmed Ordnance Throughput Capability

Type of Ship		Annual Short Tons Throughput							
		FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Combatants	CV / CVN								
	Other								
Navy Bulk (AE, AOE, AOR, etc.)									
Navy Amphibious Ships									
Other Break Bulk									
Container Ship									

3. Throughput, continued

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

Table 3.4: Maximum Potential Ordnance Throughput Capability

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

3. Throughput, continued

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

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?

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

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.)?

Mission Area**4. Maintenance and Testing**

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

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

Ordnance Type	Units Throughput							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Mines	480	699	587	666	316	447	465	391
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)								
Total:								

4. Maintenance and Testing, continued

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

Ordnance Type	Units Throughput							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mines	578	581	345	353	578	581	345	353
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)								
Total:	578	581	345	353	578	581	345	353

4. Maintenance and Testing, continued

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

Ordnance Type	DLMHs							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Mines	29,070	29,070	27,455	30,685	35,530	41,990	43,605	46,835
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)								
Total:	29,070	29,070	27,455	30,685	35,530	41,990	43,605	46,835

4. Maintenance and Testing, continued

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

Ordnance Type	DLMHs							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mines	33,915	40,375	40,375	40,375	40,375	40,375	40,375	40,375
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)								
Total:	33,915	40,375						

4. Maintenance and Testing, continued

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

Table 4.2.a: Maximum Potential Maintenance and Testing Workload

Ordnance Type	Units Throughput						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mines							
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)							
Total:							

4. Maintenance and Testing, continued

Table 4.2.b: Maximum Potential Maintenance and Testing Workload

Ordnance Type	DLMHs						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mines							
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)							
Total:							

4. Maintenance and Testing, continued

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

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?

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?

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.)?

4. Maintenance and Testing, continued

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

Table 4.7: Ordnance Maintenance and Testing Factors

Ordnance (Type-Qty)	Current Rate	Limiting Factors	Cost to Remove (\$K)	New Rate
Mine MK 60	558	NONE	N/A	N/A

4. Maintenance and Testing, continued

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

Table 4.8: Additional Ordnance Maintenance and Testing Requirements

Munitions Type	Additional Work Required	Location for Additional Work	Frequency of Additional Work
Mine MK 60	MK 46 Rework	Keyport, WA	8 yrs

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.

No - Depot level maintenance required and NUSWC Keyport is the only Depot Level Maintenance Activity for ASW (lightweight) weapons.

NOTE: Questions 4.10 through 4.15 are not applicable.

NOTE: Sections 5 (Manufacturing Workload), 6 (In-Service Engineering Workload), and 7 (Technical Support) ARE NOT APPLICABLE.

4. Maintenance and Testing, continued

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

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

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

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

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

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

4. Maintenance and Testing, continued

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

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

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

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

4. Maintenance and Testing, continued

4.11 For each commodity group type reported in Tables 4.10.a through 4.10.d, assume (a) the current projected total depot / industrial workload remains as assigned; (b) that sufficient production demand is available to justify maximum hiring, optimum (repeat order manufacturing lead times) procurement, and maximum equipment support; and (c) no major MILCON additional to that already programmed: what is the maximum extent to which depot / industrial maintenance operations could be expanded at this activity, based on the current and future planned workload mixes, for the requested period? Please provide your response in both the absolute maximum number of units and DLMHs that could be processed at this activity by applicable commodity group. Summarize Ordnance from Table 4.2.a-b.

Table 4.11.a: Maximum Potential Depot/Industrial Workload

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

Table 4.11.b: Maximum Potential Depot/Industrial Workload

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

4. Maintenance and Testing, continued

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

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?

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.)?

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						
Total	N / A	N / A	N / A			

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						
Total	N / A	N / A	N / A			

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

4. Maintenance and Testing, continued

Table 4.15.c: PREDICTED WORKLOAD VARIANCE FOR FY 1997

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

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

Table 4.15.d: PREDICTED WORKLOAD VARIANCE FOR FY 1998

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

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

4. Maintenance and Testing, continued

Table 4.15.e: PREDICTED WORKLOAD VARIANCE FOR FY 1999

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

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

Table 4.15.f: PREDICTED WORKLOAD VARIANCE FOR FY 2000

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

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

4. Maintenance and Testing, continued

Table 4.15.g: PREDICTED WORKLOAD VARIANCE FOR FY 2001

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

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

Mission Area

5. Manufacturing Workload

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

Table 5.1.a: Historic and Predicted Manufacturing Workload

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

5. Manufacturing Workload, continued

Table 5.1.b: Historic and Predicted Manufacturing Workload

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

5. Manufacturing Workload, continued

Table 5.1.c: Historic and Predicted Manufacturing Workload

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

5. Manufacturing Workload, continued

Table 5.1.d: Historic and Predicted Manufacturing Workload

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

5. Manufacturing Workload, continued

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

Table 5.2.a: Maximum Potential Manufacturing Workload

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

5. Manufacturing Workload, continued

Table 5.2.b: Maximum Potential Manufacturing Workload

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

5. Manufacturing Workload, continued

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

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?

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

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.)?

Mission Area**6. In-Service Engineering Workload**

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

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

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

6. In-Service Engineering Workload, continued

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

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

6. In-Service Engineering Workload, continued

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

Table 6.2: Maximum Potential In-Service Engineering Workload

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

6. In-Service Engineering Workload, continued

6.3 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.

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?

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?

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.)?

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

Program Element	Throughput (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)								

7. Technical Support, continued

Table 7.1.b: Historic and Predicted Technical Support

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

7. Technical Support, continued

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

Table 7.2: Maximum Potential Technical Support

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

7. Technical Support, continued

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

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?

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

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.)?

Document Separator

23 May 1994

*N68842 Navy Submarine Torpedo Facility
Yorktown*
CAPACITY DATA CALL *Sections 1-7*

**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

Encl (5)

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.

JCSG-DM: Maintenance and Industrial Activities

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

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

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

Questions for the Activities:Primary Activity UIC: 68841

(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).*

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

Ammunition / Ordnance Commodity Type	Units in Inventory (items)							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Mines								
Torpedoes(MK48 & MK48 ADCAP)							48	67
Air Launched Threat								
Surface Launched Threat								
Other Threat(EXERCISE MK48 & ADCAP)							236	310
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								

1. Inventory, continued

Table 1.1.b: Historic and Predicted Inventory

Ammunition / Ordnance Commodity Type	Units in Inventory (items)							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mines								
Torpedoes(MK48 & MK48 ADCAP)	200	200	200	200	200	200	200	200
Air Launched Threat								
Surface Launched Threat								
Other Threat (EXERCISE MK48 & MK48 ADCAP)	400	400	400	400	400	400	400	400
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								

2. Stowage

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

Table 2.1: Present and Predicted Stowage Capability

Ammunition / Ordnance Commodity Type	Present Stowage Capability	Maximum Stowage Capability
Mines		
Torpedoes(MK48 & MK48 ADCAP)	15000 lbs maximum N.E.W.	15000 lbs maximum N.E.W.
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)(MK48 & MK48 ADCAP)	200 UNITS	200 UNITS

2. Stowage, continued

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

Table 2.2: Total Facility Capability Summary

Site: BLDG 1816 & COMPOUND _____

Facility Number	PRESENT INVENTORY		PREDICTED INVENTORY FY 2001		MAXIMUM STOWAGE CAPABILITY	
	TONS	SQ FT	TONS	SQ FT	TONS	SQ FT
1816	7.5		7.5			
Total This Site	7.5		7.5			

2. Stowage, continued

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

Table 2.3: Facility Rated Status

Facility Number / Type	Hazard Rating (1.1-1.4)	Rated N.E.W.	ESQD Arc		
			Established (Y / N)	Waiver (Y / N)	Waiver Expiration Date
BLDG 1816	1.1	15000 #	Y	N	N/A

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.).

Assumption for out years is the N.E.W. will remain at a maximum of 15000 pounds (7.5 tons) for building 1816 and compound.

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).

NONE KNOW.

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.)?

NONE KNOW.

Mission Area**3. Throughput**

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

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

Munitions Type	Throughput Requirement (tons/day)		
	Peacetime Operations	Mobilization	Sustainment
LOE			
Threat			
Nuclear Threat			
Other			

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

Munitions Type	Throughput Requirement (units/day)		
	Peacetime Operations	Mobilization	Sustainment
LOE			
Threat			
Nuclear Threat			
Other			

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

		PIER	VERTREP	RAIL	TRUCK
Maximum Rated Capability	LOE				
	Threat				
	Nuclear Threat				
	Other				
Requirement (Peacetime Operations)	LOE				
	Threat				
	Nuclear Threat				
	Other				
Requirement (Mobilization)*	LOE				
	Threat				
	Nuclear Threat				
	Other				
Requirement (Sustainment)*	LOE				
	Threat				
	Nuclear Threat				
	Other				

* 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".

3. Throughput, continued

Table 3.2.b: Historic and Predicted Throughput in Tons

		PIER	VERTREP	RAIL	TRUCK
FY 1986 (Executed)	LOE				
	Threat				
	Nuclear Threat				
	Other				
FY 1991 (Executed)	LOE				
	Threat				
	Nuclear Threat				
	Other				
FY 1994 (Executed)	LOE				
	Threat				
	Nuclear Threat				
	Other				

3. **Throughput, continued**

Table 3.2.c: Historic and Predicted Throughput in Tons

		PIER	VERTREP	RAIL	TRUCK
FY 1997 (Programmed)	LOE				
	Threat				
	Nuclear Threat				
	Other				
FY 2001 (Programmed)	LOE				
	Threat				
	Nuclear Threat				
	Other				
FY: _____ Minimum Outload Workload	LOE				
	Threat				
	Nuclear Threat				
	Other				
FY: _____ Maximum Outload Workload	LOE				
	Threat				
	Nuclear Threat				
	Other				

3. Throughput, continued

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

Table 3.3.a: Historic/Programmed Ordnance Throughput Capability

Type of Ship		Annual Short Tons Throughput							
		FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Combatants	CV /CV N								
	Other								
Navy Bulk (AE, AOE, AOR, etc.)									
Navy Amphibious Ships									
Other Break Bulk									
Container Ship									

3. Throughput, continued

Table 3.3.b: Historic/Programmed Ordnance Throughput Capability

Type of Ship		Annual Short Tons Throughput							
		FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Combatants	CV / CVN								
	Other								
Navy Bulk (AE, AOE, AOR, etc.)									
Navy Amphibious Ships									
Other Break Bulk									
Container Ship									

3. Throughput, continued

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

Table 3.4: Maximum Potential Ordnance Throughput Capability

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

3. Throughput, continued

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

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?

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

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.)?

Mission Area**4. Maintenance and Testing**

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

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

Ordnance Type	Units Throughput							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Mines								
Torpedoes(MK48 & MK48 ADCAP)							48	67
Air Launched Threat								
Surface Launched Threat								
Other Threat(MK48 & MK48 ADCAP)							230	310
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)								
Total:								

4. Maintenance and Testing, continued

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

Ordnance Type	Units Throughput							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mines								
Torpedoes(MK48 & MK48 ADCAP)	200	200	200	200	200	200	200	200
Air Launched Threat								
Surface Launched Threat								
Other Threat(MK48 & ADCAP EXERCISE)	400	400	400	400	400	400	400	400
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)								
Total:	600	600	600	600	600	600	600	600

4. Maintenance and Testing, continued

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

Ordnance Type	DLMHs							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Mines								
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)								
Total:								

4. Maintenance and Testing, continued

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

Ordnance Type	DLMHs							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mines								
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)								
Total:								

4. Maintenance and Testing, continued

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

Table 4.2.a: Maximum Potential Maintenance and Testing Workload

Ordnance Type	Units Throughput						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mines							
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)							
Total:							

4. Maintenance and Testing, continued

Table 4.2.b: Maximum Potential Maintenance and Testing Workload

Ordnance Type	DLMHs						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mines							
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)							
Total:							

4. Maintenance and Testing, continued

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

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?

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?

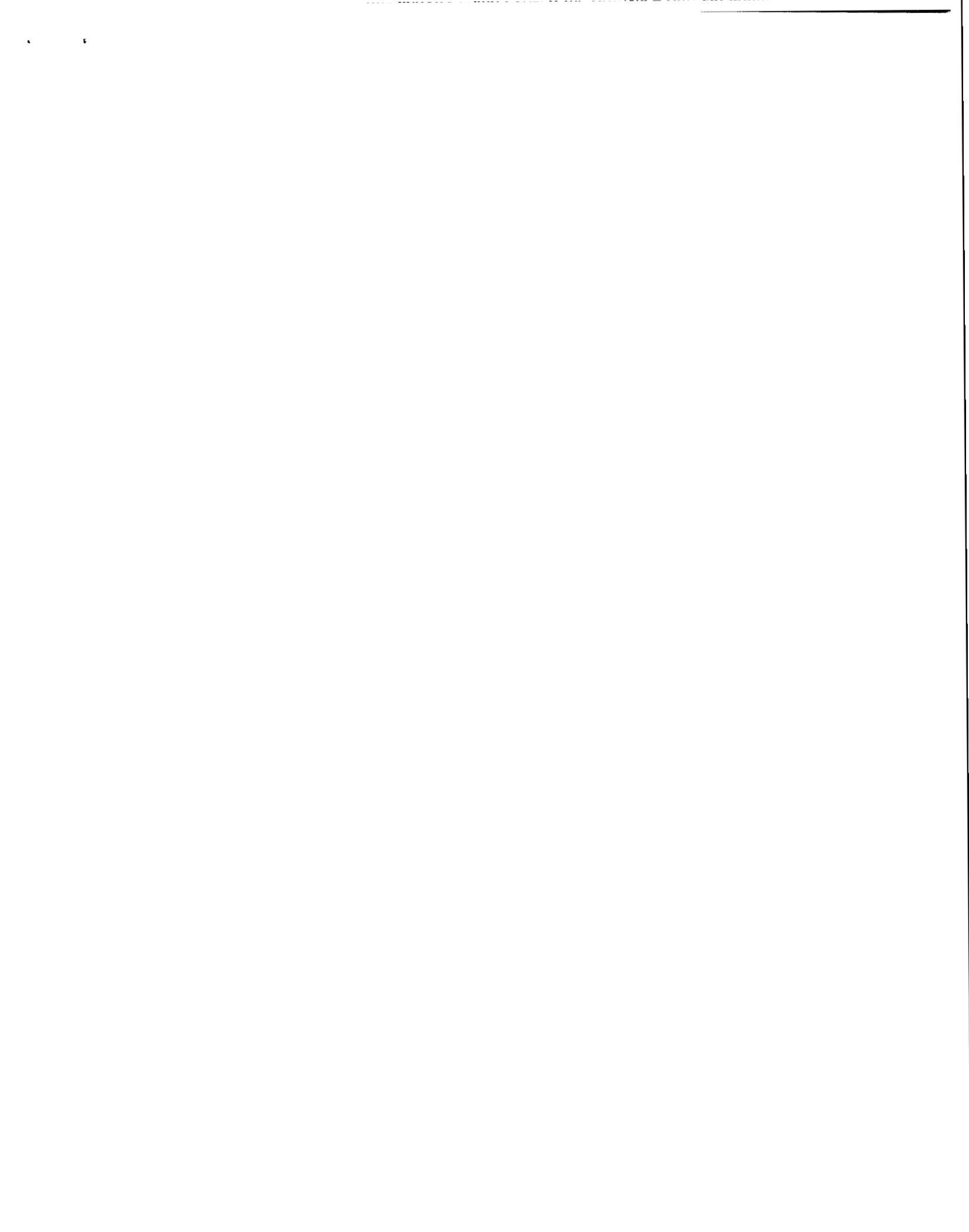
4.6 Are there any environmental, legal, or otherwise limiting factors that inhibit further the development of ordnance maintenance and testing at this activity (AICUZ encroachment, pollutant discharge, etc.)?

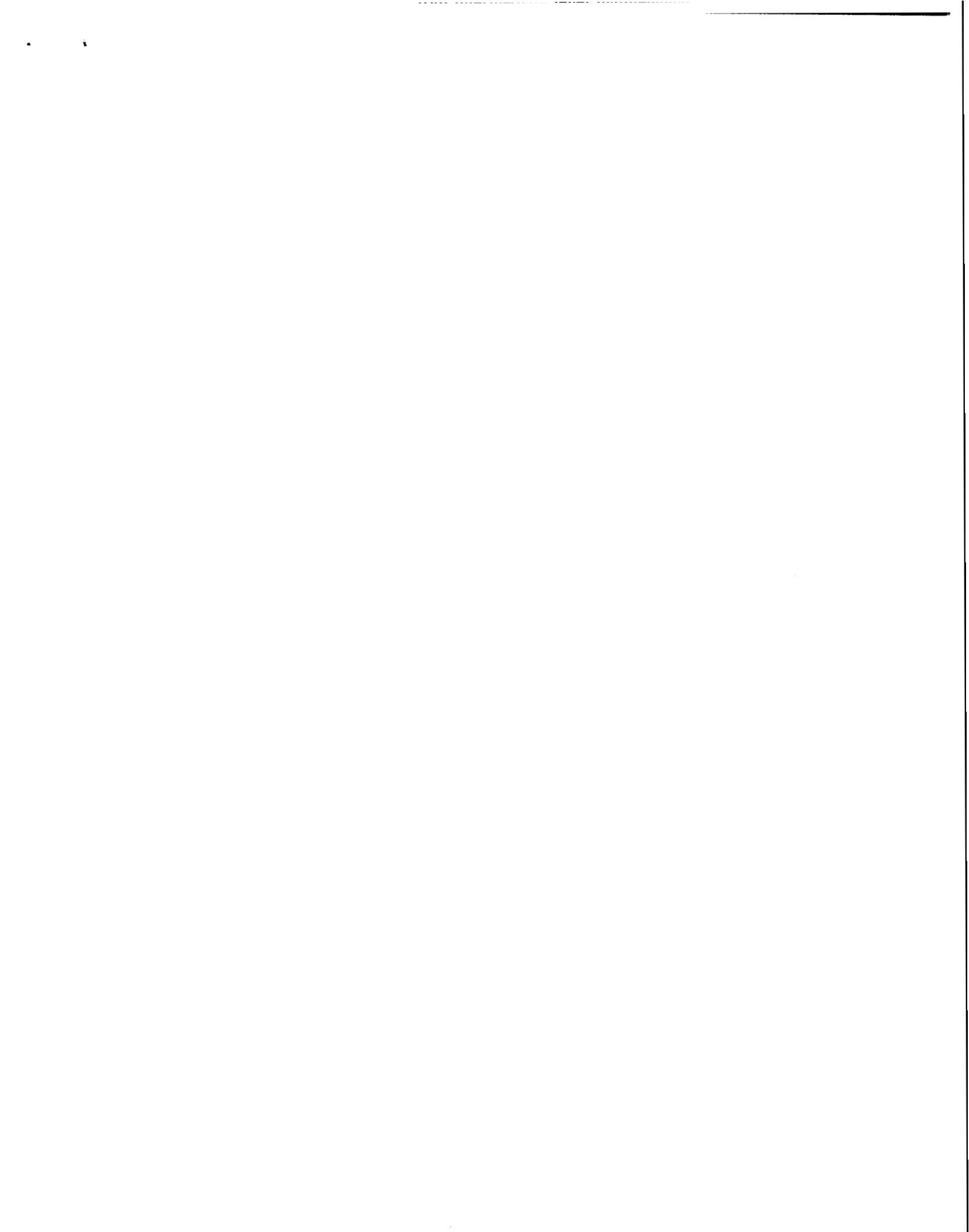
4. Maintenance and Testing, continued

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

Table 4.7: Ordnance Maintenance and Testing Factors

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





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

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.

NOTE: Questions 4.10 through 4.15 are not applicable.

NOTE: Sections 5 (Manufacturing Workload), 6 (In-Service Engineering Workload), and 7 (Technical Support) ARE NOT APPLICABLE.

4. Maintenance and Testing, continued

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

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

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

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

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

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

4. Maintenance and Testing, continued

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

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

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

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

4. Maintenance and Testing, continued

4.11 For each commodity group type reported in Tables 4.10.a through 4.10.d, assume (a) the current projected total depot / industrial workload remains as assigned; (b) that sufficient production demand is available to justify maximum hiring, optimum (repeat order manufacturing lead times) procurement, and maximum equipment support; and (c) no major MILCON additional to that already programmed: what is the maximum extent to which depot / industrial maintenance operations could be expanded at this activity, based on the current and future planned workload mixes, for the requested period? Please provide your response in both the absolute maximum number of units and DLMHs that could be processed at this activity by applicable commodity group. Summarize Ordnance from Table 4.2.a-b.

Table 4.11.a: Maximum Potential Depot/Industrial Workload

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

Table 4.11.b: Maximum Potential Depot/Industrial Workload

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

4. Maintenance and Testing, continued

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

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?

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.)?

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						
Total	N / A	N / A	N / A			

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						
Total	N / A	N / A	N / A			

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

4. Maintenance and Testing, continued

Table 4.15.c: PREDICTED WORKLOAD VARIANCE FOR FY 1997

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

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

Table 4.15.d: PREDICTED WORKLOAD VARIANCE FOR FY 1998

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

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

4. Maintenance and Testing, continued

Table 4.15.e: PREDICTED WORKLOAD VARIANCE FOR FY 1999

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

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

Table 4.15.f: PREDICTED WORKLOAD VARIANCE FOR FY 2000

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

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

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

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

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

Mission Area**5. Manufacturing Workload**

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

Table 5.1.a: Historic and Predicted Manufacturing Workload

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

5. Manufacturing Workload, continued

Table 5.1.b: Historic and Predicted Manufacturing Workload

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

5. Manufacturing Workload, continued

Table 5.1.c: Historic and Predicted Manufacturing Workload

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

5. Manufacturing Workload, continued

Table 5.1.d: Historic and Predicted Manufacturing Workload

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

5. Manufacturing Workload, continued

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

Table 5.2.a: Maximum Potential Manufacturing Workload

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

5. Manufacturing Workload, continued

Table 5.2.b: Maximum Potential Manufacturing Workload

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

5. Manufacturing Workload, continued

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

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?

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

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.)?

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

Additional Comments:

Mission Area**6. In-Service Engineering Workload**

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

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

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

6. In-Service Engineering Workload, continued

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

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

6. In-Service Engineering Workload, continued

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

Table 6.2: Maximum Potential In-Service Engineering Workload

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

6. In-Service Engineering Workload, continued

6.3 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.

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?

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?

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.)?

6. In-Service Engineering Workload, continued

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

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

Ordnance Type	Current Servicing Rate	Limiting Factor	Cost to Remove (\$ K)	New Servicing Rate

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

Program Element	Throughput (DLMHs)							
	FY 1986	FY 1987	FY 1989	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)								

7. Technical Support, continued

Table 7.1.b: Historic and Predicted Technical Support

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

7. Technical Support, continued

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

Table 7.2: Maximum Potential Technical Support

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

7. Technical Support, continued

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

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?

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

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.)?

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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		
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	MISSILE MAGAZINE	MCON	3,260
1997	507	AIWS MAGAZINE	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
		Sub-Total - 1999		21,770
2000	398	CHILD DEVELOPMENT CENTER	MCON	1,510

(Revised 9 Dec 94)

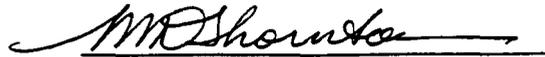
(* - Cost Avoidance is less than project programmed amount)

BRAC-95 CERTIFICATION

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

MICHAEL D. THORNTON
NAME (Please type or print)

CDR, CEC, USN
Title



Signature



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

BRAC-95 CERTIFICATION

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

MICHAEL D. THORNTON
NAME (Please type or print)

CDR, CEC, USN
Title

MILCON PROGRAMMING DIVISION
Division

NAVAL FACILITIES ENGINEERING COMMAND
Activity


Signature

9 Dec 94
Date

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MAJOR CLAIMANT LEVEL

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

COMMANDER
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NAVAL FACILITIES ENGINEERING COMMAND
Activity


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12/9/94
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DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

W. A. EARNER

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12/17/94
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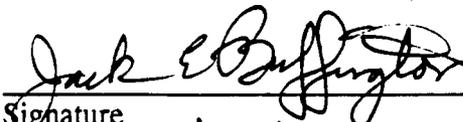
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MAJOR CLAIMANT LEVEL

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COMMANDER
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NAVAL FACILITIES ENGINEERING COMMAND
Activity


Signature
7/13/94
Date

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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.

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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

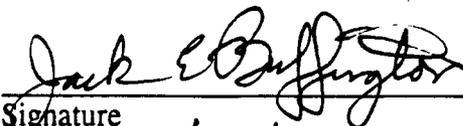
I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

MAJOR CLAIMANT LEVEL

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

COMMANDER
Title

NAVAL FACILITIES ENGINEERING COMMAND
Activity


Signature
2/13/94
Date

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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
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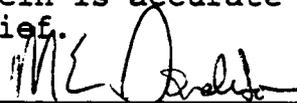
MARK E. DONALDSON
NAME (Please type or print)

CDR, CEC, USN
Title

MILCON PROGRAMMING DIVISION
Division

FACILITIES PROGRAMMING AND CONSTRUCTION DIRECTORATE
Department

NAVAL FACILITIES ENGINEERING COMMAND
Activity


Signature
12 July 1994
Date

Enclosure (1)

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

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