DCN 958

Long Beach, CA

Long Beach

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

JOINT CROSS SERVICE - DEPOT MAINTENANCE

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

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

11. Sea Systems
    Ships
    Weapons Systems

12. Software
    Tactical Systems
    Support Equipment

13. Special Interest Items
    Bearings Refurbishment
    Calibration (Type I)
    TMDE

14. Other

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
NRC	Nuclear Regulatory Commission
OEM	Original Equipment Manufacturer
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.

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Table 1.1.a: **Capacity Index**

COMMODITY GROUP	INDEX (DLHs)					
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	Revision(R)
7 RADAR	82,434	81,739	77,091	80,721	83,414	R
7 RADIO COMM	67,446	66,878	63,075	66,045	68,247	R
7 ELECTRONICS WARFARE	404,677	401,265	378,449	396,269	409,485	R
7 NAVIGAT-IONAL AIDS	29,976	29,723	28,033	29,353	30,332	R
7 ELECTRO-OPTICS	2,498	2,477	2,336	2,446	2,528	R
7 SATELLITE CONTROL	2,498	2,477	2,336	2,446	2,528	R
11 SHIPS	3,288,314	3,260,596	3,075,191	3,219,993	3,327,391	R
11 WEAPONS SYS.	356,045	353,044	332,969	348,647	360,276	R
13 BEARINGS REFURBISH-MENT	56,280	55,706	52,144	54,976	57,013	R
13 CALIBRATION (TYPE 1)	8,032	8,064	8,000	8,000	8,064	R
14 OTHER	1,061,152	1,052,207	992,376	1,039,104	1,073,762	R

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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

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COMMODITY GROUP	INDEX (DLHs)					
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	
7 Radar	74045	74045	74045	74045	74045	R
7 Radio Communications	60582	60582	60582	60582	60582	R
7 Electronic Warfare	363495	363495	363495	363495	363495	R
7 Navigational Aids	26925	26925	26925	26925	26925	R
7 Electro-Optics /Night Vision	2244	2244	2244	2244	2244	R
7 Satellite Control /Space Sensors	2244	2244	2244	2244	2244	R
11 Ships	2953680	2953680	2953680	2953680	2953680	R
11 Weapons Systems	321456	321456	321456	321456	321456	R

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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
7.1 Radar	74070	74070	74070	74070	74070
7.2 Radio Communications	60603	60603	60603	60603	60603
7.4 Electronic Warfare	363619	363619	363619	363619	363619
7.5 Navigational Aids	26934	26934	26934	26934	26934
7.6 Electro-Optics /Night Vision	2245	2245	2245	2245	2245
7.7 Satellite Control /Space Sensors	2245	2245	2245	2245	2245
11.1 Ships	2954689	2954689	2954689	2954689	2954689
11.2 Weapons Systems	319921	319921	319921	319921	319921
11.3 Ship/Shipboard Support	953490	953490	953490	953490	953490
12.1 BEARING	50449	50449	50449	50449	50449

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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.

3

Table 1.2.a: **Utilization Index**

COMMODITY GROUP	INDEX (%)					
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	Revision (R)
7 RADAR	0.25	0.25	0.27	0.26	0.25	R
7 RADIO COMM	0.21	0.21	0.22	0.21	0.20	R
7 ELECTRONICS WARFARE	1.23	1.25	1.31	1.26	1.22	R
7 NAVIGAT-IONAL AIDS	0.09	0.09	0.10	0.09	0.09	R
7 ELECTRO-OPTICS	0.01	0.01	0.01	0.01	0.01	R
7 SATELLITE CONTROL	0.01	0.01	0.01	0.01	0.01	R
11 SHIPS	45.3	49.3	47.2	54.4	53.0	R
11 WEAPONS SYS.	4.9	5.3	5.1	5.9	5.7	R
13 BEARINGS REFURBISH-MENT	.10	.10	.10	.10	.10	R
13 CALIBRATION (TYPE 1)	.10	.10	.10	.10	.10	R
14 OTHER	8.90	9.00	9.50	9.00	8.80	R
TOTAL	61.1	65.6	63.9	71.3	69.5	

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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**

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COMMODITY GROUP	INDEX (%)					
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	
7. Radar	46	46	46	46	46	R
7. Radio Comm.	37	37	37	37	37	R
7. Elec Warfare	2	2	2	2	2	R
7. Nav, Aids	17	17	17	17	17	R
7. Electro-Optics	1	1	1	1	1	R
7. Satellite Control	1	1	1	1	1	R
11 Ships	63	61	49	39	52	R
11. Weapon Systems	9	10	9	11	11	R
13. Bearing Refurb.	23	24	22	27	27	R
14. Other	16	16	16	16	16	R

Activity: 60258

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**

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COMMODITY GROUP	INDEX (%)					
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	
7. Radar	18	18	18	18	18	R
7. Radio Comm.	18	18	18	18	18	R
7. Elec Warfare	18	18	18	18	18	R
7. Nav, Aids	18	18	18	18	18	R
7. Electro-Optics	18	18	18	18	18	R
7. Satellite Control	18	18	18	18	18	R
11 Ships	63	61	49	39	52	
11. Weapon Systems	82	88	80	97	97	R
13. Bearing Refurb.	13	14	13	16	16	R
14. Other	50	50	50	50	50	R
11 Ships (Drydock) Total)	63	61	49	39	52	R
7. 11 (weapons)	45	46	45	48	48	R

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
7.1 Radar	18	18	18	18	18
7.2 Radio Comm.	18	18	18	18	18
7.4 Elec Warfare	18	18	18	18	18
7.5. Nav, Aids	18	18	18	18	18
7.6 Electro-Optics	18	18	18	18	18
7. 7 Satellite Control	18	18	18	18	18
11.1 Ships	63	61	49	39	52
11.2 Weapon Systems	82	89	81	97	97
11.3 Shipyard Support	50	50	50	50	50
13.1 Bearing Refurbishing	13	14	13	16	16
13.3 TMDE	27	27	27	27	27
Total (ships)(drydock)	63	61	49	39	52

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

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COMMODITY GROUP	INDEX (DLHs)					
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	Revision (R
7 RADAR	82,434	81,739	77,091	80,721	83,414	R
7 RADIO COMM	67,446	66,878	63,075	66,045	68,247	R
7 ELECTRONICS WARFARE	404,677	401,265	378,449	396,269	409,485	R
7 NAVIGAT-IONAL AIDS	29,976	29,723	28,033	29,353	30,332	R
7 ELECTRO-OPTICS	2,498	2,477	2,336	2,446	2,528	R
7 SATELLITE CONTROL	2,498	2,477	2,336	2,446	2,528	R
11 SHIPS	3,288,314	3,260,596	3,075,191	3,219,993	3,327,391	R
11 WEAPONS SYS.	356,045	353,044	332,969	348,647	360,276	R
13 BEARINGS REFURBISH-MENT	56,280	55,706	52,144	54,976	57,013	R
13 CALIBRATION (TYPE 1)	8,032	8,064	8,000	8,000	8,064	R

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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

13

COMMODITY GROUP	INDEX (DLHs)					Rev
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	
7 RADAR	82,434	81,415	77,399	81,044	83,083	R
7 RADIO COMM	67,446	66,613	63,327	66,309	67,976	R
7 ELECTRONICS WARFARE	404,677	399,673	379,963	397,854	407,860	R
7 NAVIGAT-IONAL AIDS	29,976	29,605	28,145	29,470	30,212	R
7 ELECTRO-OPTICS	2,498	2,467	2,345	2,456	2,518	R
7 SATELLITE CONTROL	2,498	2,467	2,345	2,456	2,518	R
11 SHIPS	3,288,314	3,247,657	3,087,492	3,232,873	3,314,187	R
11 WEAPONS SYS.	356,045	351,643	334,301	350,042	358,846	R
13 BEARINGS REFURBISH-MENT	56,280	55,485	52,353	55,196	56,787	R
13 CALIBRATION	8,032	8,032	8,032	8,032	8,032	R

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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)					Rev
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	
7.0 GROUND AND SHIPYBOARD COMMUNICATIONS AND ELECTRONIC EQUIPMENT						R
7.1 RADAR	82,434	81,415	77,399	81,044	83,083	R
7.2 RADIO COMM	67,446	66,613	63,327	66,309	67,976	R
7.4 ELECTRONICS WARFARE	404,677	399,673	379,963	397,854	407,860	R
7.5 NAVIGATIONAL AIDS	29,976	29,605	28,145	29,470	30,212	R
7.6 ELECTRO-OPTICS	2,498	2,467	2,345	2,456	2,518	R
7.7 SATELLITE CONTROL	2,498	2,467	2,345	2,456	2,518	R
11.0 SEA SYSTEMS						R
11.1 SHIPS	3,288,314	3,247,657	3,087,492	3,232,873	3,314,187	R
11.2 WEAPONS SYS.	356,045	351,643	334,301	350,042	358,846	R
11.4 SHIPYARD SUPPORT	1,061,152	1,048,031	996,346	1,043,260	1,069,501	R
13.0 SPECIAL INTEREST ITEMS						R
13.1 BEARINGS REFURBISHMENT	56,280	55,485	52,353	55,196	56,787	R
13.3 TMDE	8,032	8,032	8,032	8,032	8,032	R

Activity _____

4

2. Plant Replacement Value)Revision

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.

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2. Plant Replacement Value) Revision

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 *	1,081,821	1,114,275	1,147,703	1,182,134	1,217,598
Equipments **	123,801	127,515	131,340	135,280	139,338
TOTAL	1,205,622	1,241,790	1,279,043	1,317,414	1,356,936

* **LBNSY's FY 93 PRV of $982,468K was used as baseline. Appropriate inflation factors were applied and Piers 6 and E were included due to pending transfer from NAVSTA LONG BEACH CA to LBNSY, on 1 October 1994 as result of BRAC 91.**

** **LBNSY's equipment PRV was calculated by multiplying the sum of class 3 and class 4 plant property CPV by 1.403.**

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	~~INDEX (DLHs)~~ $K					
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	Revision (R)
7 RADAR	1,129	1,175	1,193	1,229	1,239	R
7 RADIO COMM	924	962	976	1,006	1,014	R
7 ELECTRONICS WARFARE	5,542	5,770	5,858	6,033	6,081	R
7 NAVIGAT-IONAL AIDS	410	427	434	447	450	R
7 ELECTRO-OPTICS	34	36	36	37	38	R
7 SATELLITE CONTROL	34	36	36	37	38	R
11 SHIPS	222,117	250,157	232,118	288,132	298,777	R
11 WEAPONS SYS.	24,117	27,161	25,202	31,284	32,440	R
13 BEARINGS REFURBISH-MENT	615	692	642	797	827	R
13 CALIBRATION (TYPE 1)	168	175	178	183	185	R
14 OTHER	35,483	36,704	37,100	38,214	39,676	R
TOTAL	290,573	323,295	303,773	367,399	380,763	R

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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**

13

COMMODITY GROUP	$K					Revisions
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	
7 RADAR	1,129	1,170	1,198	1,234	1,234	R
7 RADIO COMM	924	958	980	1,010	1,010	R
7 ELECTRONICS WARFARE	5,542	5,747	5,881	6,057	6,057	R
7 NAVIGAT-IONAL AIDS	410	425	436	449	448	R
7 ELECTRO-OPTICS	34	36	36	37	38	R
7 SATELLITE CONTROL	34	36	36	37	38	R
11 SHIPS	222,117	249,164	233,046	289,285	297,591	R
11 WEAPONS SYS.	24,117	27,053	25,303	31,409	32,311	R
13 BEARINGS REFURBISH-MENT	615	689	645	800	824	R
13 CALIBRATION (TYPE 1)	168	174	179	184	184	R
14 OTHER	35,483	36,558	37,248	38,367	39,519	R

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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	Revisions
7.0 GROUND AND SHIPBOARD COMMUNICATIONS AND ELECTRONIC EQUIPMENT						R
7.1 RADAR	1,129	1,170	1,198	1,234	1,234	R
7.2 RADIO COMM	924	958	980	1,010	1,010	R
7.4 ELECTRONICS WARFARE	5,542	5,747	5,881	6,057	6,057	R
7.5 NAVIGATIONAL AIDS	410	425	436	449	448	R
7.6 ELECTRO-OPTICS	34	36	36	37	38	R
7.7 SATELLITE CONTROL	34	36	36	37	38	R
11.0 SEA SYSTEMS						R
11.1 SHIPS	222,117	249,164	233,046	289,285	297,591	R
11.2 WEAPONS SYS.	21,117	27,053	25,303	31,109	32,311	R
11.4 SHIPYARD SUPPORT	35,183	36,558	37,248	38,367	39,519	R
13.0 SPECIAL INTEREST ITEMS						R
13.1 BEARINGS REFURBISHMENT	615	689	645	800	824	R

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2. NOTE: Rates used for FY 95 thru 97 were as submitted in Budget. FY 98 and 99 were adjusted for inflation per NAVCOMPT established procedures.

Table 3.1.b: Programmed Workload

COMMODITY GROUP	DLHs					Revision (R)
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	
7 RADAR	13,478	13,531	13,424	13,424	13,531	R
7 RADIO COMM	11,027	11,071	10,983	10,983	11,071	R
7 ELECTRONICS WARFARE	66,162	66,426	65,898	65,898	66,426	R
7 NAVIGAT-IONAL AIDS	4,901	4,920	4,881	4,881	4,920	R
7 ELECTRO-OPTICS	408	410	407	407	410	R
7 SATELLITE CONTROL	408	410	407	407	410	R
11 SHIPS	2,430,200	2,619,447	2,368,306	2,854,204	2,873,409	R
11 WEAPONS SYS.	263,858	284,408	257,140	309,897	311,982	R
13 BEARINGS REFURBISH-MENT	6,702	7,249	6,554	7,899	7,953	R
13 CALIBRATION (TYPE 1)	2,008	2,016	2,000	2,000	2,016	R
14 OTHER	475,896	477,792	474,000	474,000	477,792	R
TOTAL	3,275,048	3,487,680	3,204,000	3,744,000	3,769,920	

NOTE: Predicted workload based on current programmed ship assignments and reasonable expectations for additional interservice product lines.

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2. **NOTE: Rates used for FY 95 thru 97 were as submitted in Budget. FY 98 and 99 were adjusted for inflation per NAVCOMPT established procedures.**

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Table 3.1.b: **Programmed Workload**

COMMODITY GROUP	DLHs					Revisions
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	
7 RADAR	13,478	13,477	13,478	13,478	13,477	R
7 RADIO COMM	11,027	11,027	11,027	11,027	11,027	R
7 ELECTRONICS WARFARE	66,162	66,162	66,162	66,162	66,162	R
7 NAVIGAT-IONAL AIDS	4,901	4,900	4,901	4,901	4,900	R
7 ELECTRO-OPTICS	408	408	409	409	408	R
7 SATELLITE CONTROL	408	408	409	409	408	R
11 SHIPS	2,430,200	2,609,055	2,377,781	2,865,528	2,862,009	R
11 WEAPONS SYS.	263,858	283,279	258,169	311,227	310,744	R
13 BEARINGS REFURBISH-MENT	6,702	7,220	6,580	7,931	7,921	R
13 CALIBRATION (TYPE 1)	2,008	2,008	2,008	2,008	2,008	R
14 OTHER	475,896	475,896	475,896	475,896	475,896	R
TOTAL	3,275,048	3,473,840	3,216,816	3,758,976	3,754,960	R

NOTE: Predicted workload based on current programmed ship assignments and reasonable expectations for additional interservice product lines.

adjusted for inflation per NAVCOMPT established procedures.

Table 3.1.b: **Programmed Workload**

COMMODITY GROUP	DLHs					Revision
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	
7.0 GROUND AND SHIPBOARD COMMUNICATIONS AND ELECTRONIC EQUIPMENT						R
7.1 RADAR	13,478	13,477	13,478	13,478	13,477	R
7.2 RADIO COMM	11,027	11,027	11,027	11,027	11,027	R
7.4 ELECTRONICS WARFARE	66,162	66,162	66,162	66,162	66,162	R
7.5 NAVIGATIONAL AIDS	4,901	4,900	4,901	4,901	4,900	R
7.6 ELECTRO-OPTICS	408	408	409	409	408	R
7.7 SATELLITE CONTROL	408	408	409	409	408	R
11.0 SEA SYSTEMS						R
11.1 SHIPS	2,430,200	2,609,055	2,377,781	2,865,528	2,862,009	R
11.2 WEAPONS SYS.	263,858	283,279	258,169	311,227	310,744	R
11.4 SHIPYARD SUPPORT	475,896	475,896	475,896	475,896	475,896	R
13.0 SPECIAL INTEREST ITEMS						R
13.1 BEARINGS REFURBISHMENT	6,702	7,220	6,580	7,931	7,921	R
13.3 IMDE	2,008	2,008	2,008	2,008	2,008	R
TOTAL	3,275,048	3,473,840	3,216,816	3,758,976	3,754,960	R

NOTE: Predicted workload based on current programmed ship assignments and reasonable expectations for additional interservice product lines.

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.

Although we are not the Center of Excellence for any one commodity type group we are the designated overhaul point for the following commodity sub-groups.

COMMODITY GROUP 7 -

(a) RADAR
- (1) SPS-55 (Target Tracking, Acquisition and Guidance)
- (2) SPS-10 (Surface Search Radar System)
- (3) SPS-40 (Air Search Radar System)
- (4) MK-86 (Gun Fire Control System)

(b) NAVAIDS
- (1) GYROS: MK-19, MK-23, and MK-27
- (2) Fathometers: UQN-1 and UQN-4

(c) ELECTRONICS
- (1) 2000 different printed circuit boards used in: Radar, Radio Communications, Wire Communications, Electronic Warfare, Navigational Aids, and Electro-Optics.

COMMODITY GROUP 11 -

(a) PUMPS
- (1) Fuel Transfer Pumps
- (2) Lube Oil Transfer Pumps
- (3) Fire Pumps
- (4) CRP Pumps for FFG-7, DD-963, and CG-47 Classes.
- (5) FFG-7 Class CHT System Pumps

(b) MOTORS/GENERATORS

(c) AUXILIARY SYSTEMS

(1) 4th Generation Sealed Hydraulic Transmissions
(2) Underway Replenishment Winch Handling Equipment
(3) Dehydrator LP/HP
(4) Automatic Combustion Controls
(5) Fuel Oil Burner Barrels

COMMODITY GROUP 14 -

(a) Side Loadable Warping Tugs

Activity 60258

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.

Activity	Location	Description of Strategic Importance/Military Value
(1) COMNAVAIRPAC	San Diego, CA	Provide regular docking, repair, and modernization capability for CVs, and emergent docking and repair capability for CVNs. Emergent nuclear repairs would be performed by a nuclear qualified shipyard team. This is the closest CV/CVN capable dock to the San Diego homeport area.
(2) COMNAVSURFPAC	San Diego, CA	Provide regular and emergent docking, repair, and modernization capability for LHAs, LHDs AOE-6, and AFDMs. This is the closest drydock to the San Diego homeport area capable of docking these vessels.
(3) COMNAVSURFPAC	San Diego, CA	Provide emergent drydock capability to surface nuclear ships in the Southern California area.
(4) Various	San Diego, CA	Provide immediate repair and engineering support to San Diego sea and shore based units.
(5) NON-DOD	LA/LB	Shipyard is located in the center of the third largest

DOR. NOTE:
No data missing;
Margin error is in
original submission

Activity 60258

		and drydock capability will be imperative to the transport operation. There is no other large commercial drydock capability south of Portland, OR.
(6) Various to	Camp Pendleton, CA	Provide immediate repair and engineering support USMC units and facilities at Camp Pendleton.
(7) NON-DOD	LA/LB	Shipyard is located at a major transportation hub of sea, rail, road, and air networks. This allows for efficient material and logistic support of both inprocess material and end use products.
(8) NON-DOD	LA/LB	Shipyard is located at a major population center of

		Coast's refined petroleum products. In time of mobilization, the LA/LB port will throughput major shares of petroleum products. The shipyards has the largest dock capability south of Portland, OR.
(10) SIMA LB	Shipyard	SIMA LB will be collocated into LBNSY Bldg 132 due to realignment of NAVSTA. Allows for better efficiency and work coordination, and for integration of Intermediate to Depot work.
(11) NWS Seal Beach	Seal Beach, CA	Allow for efficient offload/onload of weapons prior to and upon completion of repair availabilities.
(12) NWC Port Hueneme	Port Hueneme, CA	In Service Engineering Activity for numerous ship weapons, and HM & E systems, including unrep equipment for which LBNSY is DOP.
(13) CBPAC	Port Hueneme, CA	LBNSY provides overhaul and maintenance for civil engineering battalion amphibious equipment, warping tugs, and causeways.
(14) Camp Pendelton	San Clemente, CA	Marine embarkation point
(15) Defense Fuel Region	San Pedro, CA	JP5 and JP8 aviation fuel and diesel fuel may be made available
(16) Los Alamitos Army Airfield	Los Alamitos, CA	Emergency response point for disaster assistance

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?

Yes. LBNSY is in full compliance with all regulations.

Type	Regulation	Waiver (Date Expires)	Date Must be in Compliance
N/A			

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.

Yes. A minor portion of work involving hull painting at this installation has been restricted or delayed because of environmental air permit VOC daily limitations.

Programmed Work	Restriction/Delay	Describe Impact
Hull Painting	**Environmental Air Permit VOC Limitations**	**Not significant**

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.

Special Program	Environmental/Industrial Waste	Describe
Regional Clean Air Incentives Market (RECLAIM)	**Air Pollution Control**	**California Program to permit the facility vice specific operations and allow sale of credits among different industries.**

3.2 Within what provisions must the activity operate with regard to disposal of hazardous wastes and radioactive materials?

Type	Provisions	Describe
All Hazardous Waste	**Resource Conservation and Recovery Act (Federal)** **Hazardous Waste Control Law (State)**	**Title 40 Code of Federal Regulations** **Title 22 California Code of Regulations**

Depleted iridium-192 gamma-ray sources are returned to the OEM, who disposes of wastes under terms of his NRC license.

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.

Collocated Activity	Benefit/Relationship	Describe Impact
DEFENSE COMMISSARY	Provides supermarket items at prices generally below that of similar community establishments	Supports MILPERS assigned and ship's personnel
NAVY EXCHANGE COMPLEX	Provides goods and services at lowest practical cost	Supports MILPERS assigned and ship's personnel
PERSONNEL SUPPORT DETACHMENT	Provides military pay and personnel administration, travel pay and passenger transportation, education and military identification card service	Supports MILPERS assigned, ship's personnel and maintenance activity
NAVAL DENTAL CENTER	Provides full spectrum of oral health care for active duty MILPERS	Supports MILPERS assigned and ship's personnel
NAVAL MEDICAL CLINIC	Provides medical service to active duty personnel and occupational medical services for civil service personnel; staffs pharmacy for military personnel	Supports MILPERS assigned, ship's personnel and maintenance activity
USA CREDIT UNION	Serves personal financial needs	Supports CIV/MILPERS assigned and ships' personnel
COASTLINE FEDERAL CREDIT UNION	Serves personal financial needs	Supports CIV/MILPERS assigned and ships'

RED CROSS	Provides CPR and First Aid training; personal counseling, financial assistance, etc.; verifies requirements for emergency leave	Supports MILPERS assigned and ships' personnel
NAVY-MARINE CORPS RELIEF SOCIETY	Provides financial assistance, conducts classes in budgeting and check-writing, and provides non-financial services which include baby's first sea bag for expectant mothers, food locker and thrift shop	Supports MILPERS assigned and ships' personnel
U.S. POST OFFICE	Provides full range of postal services, including parcel post, registered mail and money orders	Supports MILPERS assigned, ship's personnel and maintenance activity
NAVY REGIONAL CONTRACTING CENTER	Provides $1 billion annual acquisition support to naval shore and fleet units in Western U.S. contracting region	Supports Maintenance activity
FLEET INDUSTRIAL SUPPLY CENTER	Provides supply support to customers in greater Los Angeles basin	Supports maintenance activity
DEFENSE DISTRIBUTION DEPOT	Provides for operation of all physical distribution functions for Fleet Industrial Supply Center	Supports maintenance activity
SUPERVISOR OF SHIPBUILDING	Administers shipbuilding, design, conversion and facility contracts and administers overhauls, repairs, alterations, activations and inactivations performed on naval ships at private yards	Supports maintenance activity
SHORE INTERMEDIATE MAINTENANCE ACTIVITY DETACHMENT	Provides intermediate level maintenance, repairs and technical assistance for ships in local area	Supports maintenance activity

ARMY VETERINARY CLINIC	Provides meat inspection services for DOD resale and preparation facilities in local area	Supports MILPERS assigned and ships' personnel
NAVY CRIMINAL INVESTIGATIVE SERVICE	Provides local NCIS service for ships and shore activities at LBNSY	Supports MILPERS assigned, ships' personnel and maintenance activity
NAVY AND MARINE CORPS RESERVE CENTER	Provides for administration and personnel support for drilling reserve units in Los Angeles area	Supports MILPERS assigned and ships' personnel
DEFENSE REUTILIZATION AND MARKETING OFFICE	Provides for reuse of equipment which is excess to the needs of given activity by other activities; makes available for public auction equipment which is excess to the needs of DOD	Support maintenance activity
FLEET INTEGRATED LOGISTICS OVERHAUL ACTIVTY	Provides ships in overhaul or other availability with logistics support that accurately reflects ship's true configuration and trains fleet personnel to use and maintain products provided, allowing for sustained, high level of support during ship's operational period.	Improved sustained operational readiness for ships
BP CHEMICAL (HITCO) INC.	Operates government-owned Bow Dome Facility onboard Shipyard; fabricates and repairs SSN-637 and SSN-688 Classes submarine bow domes; domes awaiting repair are stored at adjacent FISC.	Function is essential to repair of naval submarines.

4.2 Do collocated activities support, or are they supported by, the depot maintenance activity?

Collocated Activity Describe Relationship

Collocated Activity	Support to Maintenance Activity	Support by Maintenance Activity
Defense Commissary	Yes	No
Navy Exchange Complex	Yes	No
Personnel Support Detachment	Yes	No
Naval Dental Center	Yes	No
Naval Medical Clinic	Yes	No
USA Credit Union	Yes	No
Coastline Federal Credit Union	Yes	No
Navy-Marine Corps Relief Society	Yes	No
U.S. Post Office	Yes	No
Navy Regional Contracting Center	Yes	No
Fleet Industrial Supply Center	Yes	No
Defense Distribution Depot	Yes	No
Supervisor of Shipbuilding	Yes	Yes
Shore Intermediate Maintenance Activity Detachment	Yes	Yes
Defense Printing Service	Yes	No
Army Veterinary Clinic	Yes	No

Defense Reutilization and Marketing Office	Yes	Yes
Fleet Integrated Logistics Overhaul Activity	No	Yes
BP Chemical (HITCO) Inc.	No	Yes

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
DEFENSE COMMISSARY	Loss of benefit to MILPERS and local retired personnel.
NAVY EXCHANGE COMPLEX	Loss of benefit to MILPERS and local retired personnel.
PERSONNEL SUPPORT DETACHMENT	Inability to provide local MILPERS/MILPAY/travel/transportaion support
NAVAL DENTAL CENTER	Loss of benefit to MILPERS
NAVAL MEDICAL CLINIC	Loss of benefit to MILPERS/CIVPERS for occupational medical services
USA CREDIT UNION	Inconvenience to MILPERS/CIVPERS
COASTLINE FEDERAL CREDIT UNION	Inconvenience to MILPERS/CIVPERS
NAVY-MARINE CORPS RELIEF SOCIETY	Inconvenience to MILPERS
US. POST OFFICE	Ineffective for Shipyard/ships/tenants/MILPERS/CIVPERS
NAVY REGIONAL CONTRACTING CENTER	Inconvenience to Shipyard/ships/tenants
FLEET INDUSTRIAL SUPPLY CENTER	Inconvenience to Shipyard/ships/tenants

SUPERVISOR OF SHIPBUILDING	Inconvenience to SUPSHIPS/ships
SHORE INTERMEDIATE MAINTENANCE ACTIVITY DETACHMENT	Inconvenience to SIMA/ships
DEFENSE PRINTING SERVICE	Inconvenience to Shipyard/ships/tenants
ARMY VETERINARY CLINIC	Inconvenience to DECA
NAVY CRIMINAL INVESTIGATIVE SERVICE	Loss of immediate responsiveness to Shipyard/ships/tenants
NAVY AND MARINE CORPS RESERVE CENTER	Loss of active military support structure for N&MCRC
DEFENSE REUTILIZATION AND MARKETING OFFICE	Inconvenience to Shipyard/ships/tenants
FLEET INTEGRATED LOGISTICS OVERHAUL ACTIVITY	Inconvenient for FLTILO/ships
BP CHEMICAL (HITCO) INC.	New GOCO site required for performance of function

Geographic, continued

5. Encroachment

5.1 Have operations at this activity been at all constrained to accommodate requests of the local communities?

No

Type of Encroachment	Operation Impacted	Describe

None

5.2 Indicate any encroachment constraints on current or future operations that would restrict future expansion.

Type of Encroachment	Constraint on Expansion	Describe

Oil well production - there are various easement areas located within parcels of Long Beach Naval Shipyard property totaling approximately 8 acres which are not contiguous and are reserved for oil production by the City of Long Beach, CA in Civil No. 63-1204.

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
(a) Pump repair and test facility	1. Centralized/coordinated overhaul and repair work area featuring dedicated machine tool and welding support. 2. Dedicated kitting areas 3. Dedicated testing facilities with the following components: a. steam generators, 1550 psi, 1000 degrees superheat and 30,000 lbs per hour rating. b. 14 pump test analyzers 0-5000 GPM liquid capacity, 0-400 amp load. Pressures to 2000 psi, higher on application. c. Testing media: water, fuel oil and lubricating oil. d. Vibration analysis
(b) Electric motor test facility	One of a kind test facility to test 440VAC 3 phase 60 Hz induction motors that serve horizontal and vertical applications. The motors range in size from fractional to 350 horsepower. The facility includes five microprocessor based test consoles, a Hewlett-Packard 1000E central computer, four eddy current dynamometers for loading motors and a electrical distribution center for motors under test. In addition to the normal measurement parameters for electric motors (i.e. temperature. speed, voltage, current and torque), measurements are also

(c) Generator/Motor-Generator set test facility	The only known West Coast test facility to test motor-generator sets which provide 400 Hz power at ratings up to 300 KW. A 300 KW resistive-reactive load bank is used for absorbing power from the motor-generators sets in test. The facility also includes a 110 foot YFN type electrical test barge used in the load testing of shipboard generators up to 2500 KW and shore power stations with a rating of 450 VAC, 3 phase to 5000 amps with various power factors. The major equipment on the test barge are three 1500 KW, one 750 KW and one 300 KW resistive/reactive test units.
(d) Anechoic Chambers test facility	Capability to electronically test antennas in an interference-free environment
(e) Diesel engine test and analyzer facility	This one of a kind, state of the art industrial diesel complex is dedicated to Depot Level Maintenance of diesel engines up to 2,000 HP and to diesel components (i.e. cylinder heads, turbochargers, fluid pumps, injectors, governors, etc.) Access to the diesel repair/test facility is supported by a 15-ton crane plus rail, road and water transportation. The diesel repair facility includes 2,664 square foot temperature controlled "Clean Room" repair space with two (2) 4,000 capacity overhead cranes. The unique diesel test/analyzer facility adjoins the Clean Room and provides: 1. Simultaneous testing of four (4) engines in separate soundproof test cells. 2. Computer-controlled data acquisition system with automated central test reporting. 3. Dyno testing of engines up to 2,000 horsepower. 4. Generic testing hardware is independent of engine

5. Automatic failsafe system includes warning and shutdown by individual parameters.

6. Environmental control of engine emissions by means of a natural gas rooftop incinerator.

7. Remote-control and monitoring of all four (4) test systems from a central, sound-proof control room.

(f) Hydraulic transmissions, motors and cylinders and test facility

1. Simultaneous testing of two units in separate test cells

2. Computer controlled data acquisition system with automated central test reporting

3. Dyno testing of transmissions up to 200 HP input, with variable drive speeds

4. Generic testing hardware is independent of transmission model, and provides emulation of operational environment.

(g) Air compressor test facility

This is the only West Coast Shipyard compressor test cell. Built with dedicated computerized testing equipment which monitors the compressor under test. The system has safety shutdown devices, is certified to 10,000 psi with a normal testing range of 60 to 4500 psi. Hard copy analysis and quality documentation is automatically provided.

(h) Air conditioning and Refrigeration test facility

This is the only West Coast Shipyard AC&R compressor test cell. Fully automated environmentally compliant, sound dampened test cell equipped with computerized on line monitoring. Hard copy analysis and quality documentation is automatically provided. System is equipped with automatic safety shutdown devices.

(i) Gun Fire Control System and test facility

Complete overhauls for the above deck equipment for the MK-86 and 92 Gun Fire Control systems. Includes a state-of-the-art, one-of-a-kind test console, including network

(j) Optical instrument test facility	This is the only known DON facility which provides collimation and calibration of optical instruments and systems (i.e. stadimeters, sextants and theodolites) to within 2 arc seconds traceable to the National Bureau of Standards. The facility provides back engineering of lens systems, including grinding, polishing, coating, filter wavelength design, and testing for lenses and lens systems where replacement parts or technical data does not exist.
(k) Dehydrator repair and test facility	Overhaul/refurbishment of low pressure and high pressure dehydrators to include performance testing. Only dehydrator repair facility on the West Coast.
(l) Air flasks test facility	Only West Coast public-sector facility for test and certification of air flasks using the displacement and expansion method.
(m) Winch testing facility	Only facility capable of testing 4th generation and spanwire winch to maximum static load of 39K pounds and 500 ft/min.
(n) Industrial Laboratory	1. Nationally recognized California Environmental Laboratory certified for analyzing hazardous wastes and materials. 2. Full-service laboratory capable of complex chemical, metallurgical and physical property analyses for drinking water, hazardous waste, industrial chemistry of toxic elements and industrial wastewater.
(o) Electronic Module repair and test facility	1. Repair and test all types of electrical/electronic devices and printed circuit boards using Modular Automated Test System (MOATS). 2. SPS-55 Test and Repair station is used to test and align all printed circuit cards, modules and sub-assemblies of the entire SPS-55 Surface Search Radar system and others. It is

3. SPS-40 Series Test and Repair station is capable of testing, aligning and repairing all modules of the SPS-40 Air Search Radar, for both foreign and US ships. This station is one of a kind, built specially for the refit shop.

4. Electronics repair center is capable of printed circuit board repair to include multilayer and flexible circuit repair up to 18 layers thick. The Pace PRC-2000 Process Control System and the specialized 400 MHZ oscilloscope and computer controlled test equipment enhance this process.

5. Overhaul, repair and test of the AN/UQN-1H, AN/UQN-4 and -4A, SM- 698/UQN, ID-1566/UQN-4, CV-2465/UQN-4 and DO-55 surface mount repair work for UQN PCBs. This work is not done at other facilities.

6. High Frequency radio repair/test of communication equipment: AN/URT-24, AN/URT-23 and AN/URA-38 for transmitters and antenna couplers also R-1051 MF receivers.

7. R.F. Tuners, AN/SRC-23(V), NSN-5895-00-993-0836, is the most advanced test fixture for the repair, analysis and overhaul of RF tuners. This is a unique facility to the Navy.

8. Power Amplifier AM-3790/SRC-23(V), NSN-7G589-00-111-7152. Advanced test, repair and overhaul equipment of power amplifiers. Only repair facility of type in the Navy.

(p) Automatic combustion controls and pneumatics test facility

Overhaul, test, set, and calibrate all pneumatic controls for:

a. main plant boilers; 400-1200 psi

b. waste heat boilers

c. auxiliary and main steam systems

	f. high pressure air manifolds and components to 7,000 lbs.
(q) Certified Hyperbaric chamber	Only Naval Shipyard with an on-site hyperbaric chamber for treating diving and altitude bends cases. LBNSY provides pressure testing services for potential divers and pilots in Southern California.

6.2 Indicate the reasons that these facilities are required by the depot maintenance function.

Test Facility	Reasons Required for Maintenance
All of 6.1	To provide comprehensive proof testing, verfication, and certification following overhaul, repairs and alterations of complex electronic and mechanical equipment and components.

6.3 How could the depot maintenance functions be performed without these specialized facilities?

Test Facility	Describe Testing Alternatives
All of 6.1	Verification of system equipment or component overhaul or alteration repair would be limited to static measurement and (where possible) operational performance testing in a system. Where more stringent certification is required they would have to be farmed out to a manufacturer or other government facility which has the required test facility.

Facilities and Equipage, continued

7. Buildings and Their Condition

7.1 List the buildings used to perform the depot maintenance functions by category code numbers (five or six digit CCNs), identifying their current condition (adequate, substandard, and inadequate) in Table 7.1 in thousands of square feet (KSF).

NOTE: 75% of the deficiencies defining substandard conditions are related to changes in building codes to meet seismic standards. All of our facilities have withstood earthquakes of 6.9 magnitude with only superficial damage and pose no safety problem. All seismic related deficiencies are programmed for resolution during FY 95-97.

Table 7.1: **Facility Conditions**

CCN	Facility Type	Condition / Area (# KSF)			Comments
		Adequate	Substandard	Inadequate	
		#	#		
213-41	Central Tool (06)	2.0	100.1	0	A30, E05, C45
213-42	Shipfitting Shop (11)	0	107.2	0	A30, E05
213-43	Sheet Metal (17)	0	50.2	0	A30, C45
213-45	Welding (26)	0	43.7	0	A30, C45
213-48	Q.A.	0	27.7	0	C45
213-51	Weapons Shop (36)	0	63.2	0	C45
213-49	Inside Machine (31)	0	263.7	0	C45
213-52	Marine Machine (38)	5.6	87.4	0	A30, C45
213-53	Boilermaker (41)	0	64.2	0	A30, C45

CCN	Facility Type	Condition / Area (# KSF)			Comments
		Adequate	Substandard	Inadequate	
213-56	Woodworking (64)	0	60.0	0	C45
213-57	Electronics (67)	0	152.7	0	C45
213-59/60	Abrasive Blast/Paint Facility (71)	43.9	25.6	0	A30, C45
213-61	Rigging Shop (72)	1.9	52.5	0	A30, E05, C45
213-64	Pattern Maker (94)	0	13.8	0	C45
213-66	Temporary Svc (99)	12.4	10.4	0	C45
	Total	72.8	1,372.5	0	

Deficiency code definitions:

A30 **Physical condition - Building or structure (total)**

C03 **Design criteria - Environmental control systems (air condition, etc.)**

C45 **Design criteria - To comply with current seismic codes**

E05 **Nonexistent - Fire deterrent system**

Facilities and Equipage, continued

7.2 In Table 7.2.a, identify space available for expansion by building type for those facility category code numbers (five or six digit CCNs) that are most important to your mission. An activity's expansion capability is a function of its ability to reconfigure/rehabilitate existing underutilized facilities to accept new or increased requirements.

Table 7.2.a: **Space Available for Expansion**

Building ID / Type	CCN	Installation Space (KSF)			Total
		Adequate	Substandard	Inadequate	
132/INSIDE MACHINE	213-49	0	42.7	0	42.7
210/ELECTRONICS	213-57	0	25.8	0	25.8
132E/PIPEFITTER	213-55	0	25.2	0	25.2
128/SHIPFITTING	213-42	0	17.4	0	17.4
131/CENTRAL TOOL	213-41	0	16.5	0	16.5
210/ELECTRICAL	213-54	0	16.4	0	16.4
129/MARINE MACHINE	213-52	0	15.1	0	15.1
	TOTAL:		159.1	0	159.1

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
In addition to the items listed in 6.1	
(a) Mobile hazardous material waste spill capability	Ability to respond to land and water spills. California certified for level A entry. Rapid deployment capability for containment and pick-up of spills. Able to assist Coast Guard and other agencies with spill containment and cleanup.
(b) Electroslag surfacing (ESS)	Only shipyard qualified in this process (625 inconel) with ability to surface deposit: a. Propulsion Shafting b. Hawse pipes c. Large diameter valves d. Carrier launch rails e. Missile launch tubes f. Hatch covers
(c) Flexible computer integrated manufacturing	Centralized programming/process planning facility (direct numerical control capable DNC) state of the art equipment utilizing Intergraph client server technology supported by machine language output processors, computer assisted process planning, and modular fixturing technology. Twenty six computer numerical control machine tools equipped with tool changes.

Activity _____

1. Horizontal CNC bar turning/milling center capability (3 axis)

   a. .125 to 1.250 dia. x 10.0" long
   b. 2.0" to 10.0" dia. x 29" long

2. Horizonal CNC turning/shafting (2 axis)

   a. 20"swing x 90" length
   b. 76" swing over bed x 88'11" long

3. Vertical CNC turning/boring (3 axis)

   33" dia. x 47" long

4. Horizontal machining/drilling (4 axis)

   12" cube size up to 48" cube size with face milling capability.

5. Vertical machining/drilling (4 axis)

   4" cube size up to 36" cube size. (10' length on traveling column).

6. Computer coordinate measurement machine technology (50" cube size)

   Inspection and reverse engineering

7. CNC vertical wire electrical discharge machining 300mm x 450mm x 650mm table size.

8. CNC vertical die sink electrical discharge machine 12" x 16" x 48" table size. Both machine tools are used for die forming, gear cutting, tool and die manufacturing and

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
(a) Repair, Analyze and Test AB-1144/SPS 40B antenna pedestal	LBNS is the only facility capable of wind load analysis, repair and testing of this equipment.
(b) Closed loop steel shot abrasive blasters	Transportable and drivable; they comply with environmental regulations.
(c) Winch test facility	Capable of weight handling, ram, portable and stationary equipment. Able to test 4th generation and spanwire winch to maximum static load of 39K pounds and 500 ft/min.
(d) Gyro test bed	Only DOD-owned unit capable of being adapted to test a wide range of gyros and stabilization units.
(e) Computerized diesel engine analyzer and test facility	This one-of -a kind diesel test/analyzer test facility provides for simultaneous testing in four separate sound proof test cells at engine ratings up to 2000 horsepower. This system provides full performance testing of all operating parameters, computer analysis of selected points and automated central test print out of the results.

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	168	168	0	0
Operational	0	0	0	0
Training	0	0	0	0
R & D	0	0	0	0
Supply & Storage	11	11	0	0
Admin	34	34	0	0
Housing	0	0	0	0
Recreational	0	0	0	0
Forestry Program	0	0	0	0
Agricultural Outleases Program	0	0	0	0

Total:	343	343	0	0

Note: Pier E has 14.6 acres of underutilized parking and open area that can be made available for industrial support.

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?

Current Use	Square Feet	Potential Use (Be Specific)
B-139 Supervisor	3280	Support depot maintenance administrative functions.
B-174 Environmental Office	3658	Support depot maintenance administrative functions.
B-209 Satellite Security Office	1980	Support depot maintenance administrative functions.
B-300 Engineering and Management Bldg	51,000	Through consolidations and realignments it could be possible to provide one floor of the building to support depot maintenance functions.

11. Industrial Waste

11.1 Are there any inhibiting factors that would limit future expansion on the base? Provide the details if applicable.

No

Inhibiting Factor	Provide Detailed Description
N/A	

MEASURES OF MERIT

Primary UIC: 60258

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**

3

COMMODITY GROUP	Capability (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
7	434029	434029	434029	434029
Radar	60691	60691	60691	60691
Radio Comm	49656	49656	49656	49656
Electronic Warfare	297935	297935	297935	297935
Navigational Aids	22069	22069	22069	22069
Electro-Optics	1839	1839	1839	1839
Satellite	1839	1839	1839	1839
11	2683089	2683089	2683089	2683089
Ships	2420958	2420958	2420958	2420958
Weapons Sys	262131	262131	262131	262131
13	47349	47349	47349	47349
Bearing Refurb	41311	41311	41311	41311
Calibration	6038	6038	6038	6038
14	781253	781253	781253	781253
TOTAL	3945720	3945720	3945720	3945720

NOTE: Table 12.1.a: **Service Required Core**

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MEASURES OF MERIT

Primary UIC: 60258

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**

13

COMMODITY GROUP	Capability (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
7	434028	434028	434028	434028
Radar	60690	60690	60690	60690
Radio Comm	49656	49656	49656	49656
Electronic Warfare	297935	297935	297935	297935
Navigational Aids	22069	22069	22069	22069
Electro-Optics	1839	1839	1839	1839
Satellite	1839	1839	1839	1839
11	2683090	2683090	2683090	2683090
Ships	2420958	2420958	2420958	2420958
Weapons Sys	262132	262132	262132	262132
13				
Bearing Refurb	41311	41311	41311	41311
14	787291	787291	787291	787291
TOTAL	3945720	3945720	3945720	3945720

NOTE: Table 12.1.a: **Service Required Core**
Provided by NAVSEA Headquarters

MEASURES OF MERIT

Primary UIC: 60258

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
7.1 Radar	60690	60690	60690	60690
7.2 Radio Comm	49656	49656	49656	49656
7.4 Electronic Warfar	297936	297936	297936	297936
7.5 Nav Aids	22069	22069	22069	22069
7.6 Electro-Optics	1839	1839	1839	1839
7.7 Satellite	1839	1839	1839	1839
11.1 Ships	2420958	2420958	2420958	2420958
11.2 Weapons Sys	262131	262131	262131	262131
11.4 Shipyard Supp	781253	781253	781253	781253
13.1 Bearing Refurb	41311	41311	41311	41311
13.3 TMDE	6038	6038	6038	6038
TOTAL	3945720	3945720	3945720	3945720

NOTE: Table 12.1.a: **Service Required Core**

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MEASURES OF MERIT Primary UIC: 60258

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
7.1 Radar	12209	12209	12209	12209
7.2 Radio Comm	9989	9989	9989	9989
7.4 Electronic Warfar	59933	59933	59933	59933
7.5 Nav Aids	4439	4439	4439	4439
7.6 Electro-Optics	370	370	370	370
7.7 Satellite	370	370	370	370
11.1 Ships	2426409	2426409	2426409	2426409
11.2 Weapons Sys	263471	263471	263471	263471
11.4 Shipyard Supp	431092	431092	431092	431092
13.1 Bearing Refurb	6715	6715	6715	6715
13.3 TMDE	1819	1819	1819	1819
TOTAL	3216816	3216816	3216816	3216816

NOTE: Table 12.1.a: **Service Required Core**
Provided by NAVSEA Headquarters

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.

3

Table 12.2.a: **Core Capability Retained for Other Services**

COMMODITY TYPE	Capability (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
NONE				
TOTAL				

NOTE: Table 12.2.a: **Core Capability Retained for Other Services**
Provided by NAVSEA Headquarters

Workload and Capabilities, continued Primary UIC: 60258

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.

13

Table 12.2.a: **Core Capability Retained for Other Services**

COMMODITY TYPE	Capability (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
NONE				
TOTAL				

NOTE:Table 12.2.a: **Core Capability Retained for Other Services**
Provided by NAVSEA Headquarters

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**

20

COMMODITY TYPE	Capability (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
NONE				
TOTAL				

NOTE: Table 12.2.a: **Core Capability Retained for Other Services**
Provided by NAVSEA Headquarters

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
NONE				
TOTAL				

NOTE:Table 12.2.a: **Core Capability Retained for Other Services**
Provided by NAVSEA Headquarters

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.

3

Table 12.3.a: **Service-Controlled Core (Title 10)**

COMMODITY GROUP	Capability (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
7	434029	434029	434029	434029
Radar	60691	60691	60691	60691
Radio Comm	49656	49656	49656	49656
Electronic Warfare	297935	297935	297935	297935
Navigational Aids	22069	22069	22069	22069
Electro-Optics	1839	1839	1839	1839
Satellite	1839	1839	1839	1839
11	2683089	2683089	2683089	2683089
Ships	2420958	2420958	2420958	2420958
Weapons Sys	262131	262131	262131	262131
13	47349	47349	47349	47349
Bearing Refurb	41311	41311	41311	41311
Calibration	6038	6038	6038	6038
14	781253	781253	781253	781253
TOTAL	3945720	3945720	3945720	3945720

NOTE:Table 12.3.a: **Service-Controlled Core (Title 10)**
Provided by NAVSEA Headquarters

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)**

13

COMMODITY GROUP	Capability (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
7	434028	434028	434028	434028
Radar	60690	60690	60690	60690
Radio Comm	49656	49656	49656	49656
Electronic Warfare	297935	297935	297935	297935
Navigational Aids	22069	22069	22069	22069
Electro-Optics	1839	1839	1839	1839
Satellite	1839	1839	1839	1839
11	2683090	2683090	2683090	2683090
Ships	2420958	2420958	2420958	2420958
Weapons Sys	262132	262132	262132	262132
13				
Bearing Refurb	41311	41311	41311	41311
14	787291	787291	787291	787291
TOTAL	3945720	3945720	3945720	3945720

NOTE: Table 12.3.a: **Service-Controlled Core (Title 10)**
Provided by NAVSEA Headquarters

Workload and Capabilities, continued Primary UIC: 60258

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)**

20

COMMODITY GROUP	Capability (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
7.1 Radar	60690	60690	60690	60690
7.2 Radio Comm	49656	49656	49656	49656
7.4 Electronic Warfar	297936	297936	297936	297936
7.5 Nav Aids	22069	22069	22069	22069
7.6 Electro-Optics	1839	1839	1839	1839
7.7 Satellite	1839	1839	1839	1839
11.1 Ships	2420958	2420958	2420958	2420958
11.2 Weapons Sys	262131	262131	262131	262131
11.4 Shipyard Supp	781253	781253	781253	781253
13.1 Bearing Refurb	41311	41311	41311	41311
13.3 TMDE	6038	6038	6038	6038
TOTAL	3945720	3945720	3945720	3945720

NOTE:Table 12.3.a: **Service-Controlled Core (Title 10)**
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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
7.1 Radar	12209	12209	12209	12209
7.2 Radio Comm	9989	9989	9989	9989
7.4 Electronic Warfar	59933	59933	59933	59933
7.5 Nav Aids	4439	4439	4439	4439
7.6 Electro-Optics	370	370	370	370
7.7 Satellite	370	370	370	370
11.1 Ships	2426409	2426409	2426409	2426409
11.2 Weapons Sys	263471	263471	263471	263471
11.4 Shipyard Supp	431092	431092	431092	431092
13.1 Bearing Refurb	6715	6715	6715	6715
13.3 TMDE	1819	1819	1819	1819
TOTAL	3216816	3216816	3216816	3216816

NOTE:Table 12.3.a: **Service-Controlled Core (Title 10)**
Provided by NAVSEA Headquarters

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.

3

Table 13.1a **Total Core Workloads**

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
7	434029	434029	434029	434029
Radar	60691	60691	60691	60691
Radio Comm	49656	49656	49656	49656
Electronic Warfare	297935	297935	297935	297935
Navigational Aids	22069	22069	22069	22069
Electro-Optics	1839	1839	1839	1839
Satellite	1839	1839	1839	1839
11	2683089	2683089	2683089	2683089
Ships	2420958	2420958	2420958	2420958
Weapons Sys	262131	262131	262131	262131
13	47349	47349	47349	47349
Bearing Refurb	41311	41311	41311	41311
Calibration	6038	6038	6038	6038
14	781253	781253	781253	781253
TOTAL	3945720	3945720	3945720	3945720

NOTE:Table 13.1a **Total Core Workloads**
Provided by NAVSEA Headquarters

3

Workload and Capacities, continued Primary UIC: 60258

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** 13

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
7	434028	434028	434028	434028
Radar	60690	60690	60690	60690
Radio Comm	49656	49656	49656	49656
Electronic Warfare	297935	297935	297935	297935
Navigational Aids	22069	22069	22069	22069
Electro-Optics	1839	1839	1839	1839
Satellite	1839	1839	1839	1839
11	2683090	2683090	2683090	2683090
Ships	2420958	2420958	2420958	2420958
Weapons Sys	262132	262132	262132	262132
13				
Bearing Refurb	41311	41311	41311	41311
14	787291	787291	787291	787291
TOTAL	3945720	3945720	3945720	3945720

NOTE:Table 13.1a **Total Core Workloads**
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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**

20

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
7.1 Radar	60690	60690	60690	60690
7.2 Radio Comm	49656	49656	49656	49656
7.4 Electronic Warfar	297936	297936	297936	297936
7.5 Nav Aids	22069	22069	22069	22069
7.6 Electro-Optics	1839	1839	1839	1839
7.7 Satellite	1839	1839	1839	1839
11.1 Ships	2420958	2420958	2420958	2420958
11.2 Weapons Sys	262131	262131	262131	262131
11.4 Shipyard Supp	781253	781253	781253	781253
13.1 Bearing Refurb	41311	41311	41311	41311
13.3 TMDE	6038	6038	6038	6038
TOTAL	3945720	3945720	3945720	3945720

NOTE:Table 13.1a **Total Core Workloads**
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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
7.1 Radar	12209	12209	12209	12209
7.2 Radio Comm	9989	9989	9989	9989
7.4 Electronic Warfar	59933	59933	59933	59933
7.5 Nav Aids	4439	4439	4439	4439
7.6 Electro-Optics	370	370	370	370
7.7 Satellite	370	370	370	370
11.1 Ships	2426409	2426409	2426409	2426409
11.2 Weapons Sys	263471	263471	263471	263471
11.4 Shipyard Supp	431092	431092	431092	431092
13.1 Bearing Refurb	6715	6715	6715	6715
13.3 TMDE	1819	1819	1819	1819
TOTAL	3216816	3216816	3216816	3216816

NOTE:Table 13.1a **Total Core Workloads**
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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. 3

Table 14.1.a: **FMS Above Core Workload**

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

Note: The amount of workload in the below listed categories is negligible in the Naval Shipyards, and therefore is not listed in the following tables:

14.1.a: FMS Above Core Workload
14.1.b: Interservice Above Core Workload
14.1.c: Other Agency Above Core Workload
14.1.f: Low Quantity Above Core Workload
14.1.g: All Other Workload (Above Core)
15.1: Unique and/Peculiar Total Core Workload
15.2: Non-Core Unique and/or Peculiar Workload

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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** 13

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

Note: The amount of workload in the below listed categories is negligible in the Naval Shipyards, and therefore is not listed in the following tables:

14.1.a: FMS Above Core Workload
14.1.b: Interservice Above Core Workload
14.1.c: Other Agency Above Core Workload
14.1.f: Low Quantity Above Core Workload
14.1.g: All Other Workload (Above Core)
15.1: Unique and/Peculiar Total Core Workload
15.2: Non-Core Unique and/or Peculiar Workload

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**

20

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

Note: The amount of workload in the below listed categories is negligible in the Naval Shipyards, and therefore is not listed in the following tables:

14.1.a: FMS Above Core Workload
14.1.b: Interservice Above Core Workload
14.1.c: Other Agency Above Core Workload
14.1.f: Low Quantity Above Core Workload
14.1.g: All Other Workload (Above Core)

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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				

Note: The amount of workload in the below listed categories is negligible in the Naval Shipyards, and therefore is not listed in the following tables:

14.1.a: FMS Above Core Workload
14.1.b: Interservice Above Core Workload
14.1.c: Other Agency Above Core Workload
14.1.e: Within Service Above Core Workload
14.1.f: Low Quantity Above Core Workload
14.1.g: All Other Workload (Above Core)

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14. Other Workloads (Above Core), continued

3

Table 14.1.b: **Interservice Above Core Workload**

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
See Note, Table 14.1.a				
TOTAL				

Table 14.1.c: **Other Agency Above Core Workload**

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
See Note, Table 14.1.a				
TOTAL				

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
7	0	0	0	0
11	0	0	0	0
13	0	0	0	0
14	0	0	0	0

14. Other Workloads (Above Core), continued

13

Table 14.1.b: **Interservice Above Core Workload**

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
See Note, Table 14.1.a				
TOTAL				

Table 14.1.c: **Other Agency Above Core Workload**

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
See Note, Table 14.1.a				
TOTAL				

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
7	0	0	0	0
11	0	0	0	0
13	0	0	0	0
14	0	0	0	0

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
See Note, Table 14.1.a				
TOTAL				

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Table 14.1.c: **Other Agency Above Core Workload**

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
See Note, Table 14.1.a				
TOTAL				

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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
See Note, Table 14.1.a				
TOTAL				

Provided by NAVSEA Headquarters

Table 14.1.c: **Other Agency Above Core Workload**

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
See Note, Table 14.1.a				
TOTAL				

Provided by NAVSEA Headquarters

14. Other Workloads (Above Core), continued

Primary UIC: 60258

Table 14.1.d: **Last Source of Repair Workload**

20

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
NONE				
TOTAL				

NOTE: Table 14.1.d: **Last Source of Repair Workload**
Provided by NAVSEA Headquarters

14. Other Workloads (Above Core), continued

Primary UIC: 60258

Table 14.1.d: **Last Source of Repair Workload**

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
7.1 Radar	975	0	2058	2042
7.2 Radio Comm	798	0	1684	1671
7.4 Electronic Warfar	4789	0	10101	10026
7.5 Nav Aids	354	0	748	743
7.6 Electro-Optics	30	0	62	62
7.7 Satellite	30	0	62	62
11.1 Ships	193870	0	408945	405916
11.2 Weapons Sys	21051	0	44405	44076
11.4 Shipyard Supp	34445	0	72657	72118
13.1 Bearing Refurb	537	0	1132	1123
13.3 TMDE	145	0	306	305
TOTAL	257024	0	542160	538144

NOTE: Table 14.1.d: **Last Source of Repair Workload**
Provided by NAVSEA Headquarters

14. Other Workloads (Above Core), continued

3

Table 14.1.e: **Within Service Above Core Workload**

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
7	150531	117292	143252	162506
Radar	21049	16401	20031	22724
Radio Comm	17222	13419	16389	18591
Electronic Warfare	103330	80514	98334	111550
Navigational Aids	7654	5964	7284	8263
Electro-Optics	638	497	607	689
Satellite	638	497	607	689
11	930551	725071	885551	1004578
Ships	839638	654233	799035	906433
Weapons Systems	90913	70838	86516	98145
13	16422	12796	15628	17729
Bearing Reburb	14395	10833	13665	15702
Calibration	2027	1963	1963	2027
14	270954	211123	257851	292509
TOTAL	1368458	1066282	1302282	1477322

NOTE:Table 14.1.e: **Within Service Above Core Workload**
Provided by NAVSEA Headquarters

14. Other Workloads (Above Core), continued

Table 14.1.e: **Within Service Above Core Workload**

8

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
7	148211	119495	145560	160138
Radar	20725	16709	20354	22393
Radio Comm	16956	13670	16652	18319
Electronic Warfare	101738	82028	99919	109925
Navigational Aids	7536	6076	7401	8143
Electro-Optics	628	506	617	679
Satellite	628	506	617	679
11	916211	738704	899826	989944
Ships	826699	666534	811915	893229
Weapons Systems	89512	72170	87911	96715
13				
Bearing Reburb	14174	11042	13885	15476
14	288773	217088	264002	290243
TOTAL	1347368	1086328	1323272	1455800

NOTE:Table 14.1.e: **Within Service Above Core Workload**
Provided by NAVSEA Headquarters

Workload and Capabilities, continued Primary UIC: 60258

14. Other Workloads (Above Core), continued

Table 14.1.e: **Within Service Above Core Workload** 13

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
7	148211	119495	145560	160138
Radar	20725	16709	20354	22393
Radio Comm	16956	13670	16652	18319
Electronic Warfare	101738	82028	99919	109925
Navigational Aids	7536	6076	7401	8143
Electro-Optics	628	506	617	679
Satellite	628	506	617	679
11	916211	738704	899826	989944
Ships	826699	666534	811915	893229
Weapons Systems	89512	72170	87911	96715
13				
Bearing Reburb	14173	11041	13884	15475
14 OTHER	268773	217088	264002	290243
TOTAL	1347368	1086328	1323272	1455800

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NOTE:Table 14.1.e: **Within Service Above Core Workload**
Provided by NAVSEA Headquarters

14. Other Workloads (Above Core), continued

Table 14.1.e: **Within Service Above Core Workload**

20

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
7.1 Radar	20725	16709	20354	22393
7.2 Radio Comm	16957	13671	16653	18320
7.4 Electronic Warfar	101737	82027	99918	109924
7.5 Nav Aids	7536	6076	7401	8143
7.6 Electro-Optics	628	506	617	679
7.7 Satellite	628	506	617	679
11.1 Ships	826699	666534	811915	893229
11.2 Weapons Sys	89512	72170	87911	96715
11.4 Shipyard Supp	266778	215093	262007	288248
13.1 Bearing Refurb	14174	11042	13885	15476
13.3 TMDE	1994	1994	1994	1994
TOTAL	1347368	1086328	1323272	1455800

NOTE:Table 14.1.e: **Within Service Above Core Workload**
Provided by NAVSEA Headquarters

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
See Note, Table 14.1.a				

NOTE:Table 14.1.e: **Within Service Above Core Workload**
Provided by NAVSEA Headquarters

14. Other Workloads (Above Core), continued

3

Table 14.1.f: **Low Quantity Above Core Workload**

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
See Note, Table 14.1.a				
TOTAL				

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
See Note, Table 14.1.a				
TOTAL				

14. Other Workloads (Above Core), continued

Table 14.1.f: **Low Quantity Above Core Workload**

20

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
See Note, Table 14.1.a				
TOTAL				

Provided by NAVSEA Headquarters

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
See Note, Table 14.1.a				
TOTAL				

Provided by NAVSEA Headquarters

14. All Other Workloads (Above Core), continued

3

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

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
See Note, Table 14.1.a				
TOTAL				

14. All Other Workloads (Above Core), continued

Table 14.1.g: **All Other Workload (Above Core)** 13

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
See Note, Table 14.1.a				
TOTAL				

Workload and Capabilities, continued Primary UIC: 60258

14. All Other Workloads (Above Core), continued

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

20

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
See Note, Table 14.1.a				
TOTAL				

Provided by NAVSEA Headquarters

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
See Note, Table 14.1.a				
TOTAL				

Provided by NAVSEA Headquarters

14. Other Workloads (Above Core), continued

3

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
7	150531	117292	143252	162506
Radar	21049	16401	20031	22724
Radio Comm	17222	13419	16389	18591
Electronic Warfare	103330	80514	98334	111550
Navigational Aids	7654	5964	7284	8263
Electro-Optics	638	497	607	689
Satellite	638	497	607	689
11	930551	725071	885551	1004578
Ships	839638	654233	799035	906433
Weapons Systems	90913	70838	86516	98145
13	16422	12796	15628	17729
Bearing Reburb	14395	10833	13665	15702
Calibration	2027	1963	1963	2027
14	270954	211123	257851	292509
TOTAL	1368458	1066282	1302282	1477322

NOTE: Table 14.1.h: **Total Above Core Workload**
Provided by NAVSEA Headquarters

14. Other Workloads (Above Core), continued

Table 14.1.h: **Total Above Core Workload**

(Sum of Tables 14.1.a through 14.1.g)

8

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
7	148211	119495	145560	160138
Radar	20725	16709	20354	22393
Radio Comm	16956	13670	16652	18319
Electronic Warfare	101738	82028	99919	109925
Navigational Aids	7536	6076	7401	8143
Electro-Optics	628	506	617	679
Satellite	628	506	617	679
11	916211	738704	899826	989944
Ships	826699	666534	811915	893229
Weapons Systems	89512	72170	87911	96715
13				
Bearing Reburb	14174	11042	13885	15476
14	268773	217088	264002	290243
TOTAL	1347368	1086328	1323272	1455800

NOTE: Table 14.1.h: **Total Above Core Workload**
Provided by NAVSEA Headquarters

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14. Other Workloads (Above Core), continued

Table 14.1.h: **Total Above Core Workload**

(Sum of Tables 14.1.a through 14.1.g)

13

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
7	148211	119495	145560	160138
Radar	20725	16709	20354	22393
Radio Comm	16956	13670	16652	18319
Electronic Warfare	101738	82028	99919	109925
Navigational Aids	7536	6076	7401	8143
Electro-Optics	628	506	617	679
Satellite	628	506	617	679
11	916211	738704	899826	989944
Ships	826699	666534	811915	893229
Weapons Systems	89512	72170	87911	96715
13				
Bearing Reburb	14173	11041	13884	15475
14 OTHER	268773	217088	264002	290243
TOTAL	1347368	1086328	1323272	1455800

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NOTE: Table 14.1.h: **Total Above Core Workload**
Provided by NAVSEA Headquarters

Workloads and Capabilities, continued Primary UIC: 60258

14. Other Workloads (Above Core), continued

Table 14.1.h: **Total Above Core Workload**

(Sum of Tables 14.1.a through 14.1.g)

20

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
7.1 Radar	20725	16709	20354	22393
7.2 Radio Comm	16957	13671	16653	18320
7.4 Electronic Warfar	101737	82027	99918	109924
7.5 Nav Aids	7536	6076	7401	8143
7.6 Electro-Optics	628	506	617	679
7.7 Satellite	628	506	617	679
11.1 Ships	826699	666534	811915	893229
11.2 Weapons Sys	89512	72170	87911	96715
11.4 Shipyard Supp	266778	215093	262007	288248
13.1 Bearing Refurb	14174	11042	13885	15476
13.3 TMDE	1994	1994	1994	1994
TOTAL	1347368	1086328	1323272	1455800

NOTE: Table 14.1.h: **Total Above Core Workload**
Provided by NAVSEA Headquarters

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
7.1 Radar	975	0	2058	2042
7.2 Radio Comm	798	0	1684	1671
7.4 Electronic Warfar	4789	0	10101	10026
7.5 Nav Aids	354	0	748	743
7.6 Electro-Optics	30	0	62	62
7.7 Satellite	30	0	62	62
11.1 Ships	193870	0	408945	405916
11.2 Weapons Sys	21051	0	44405	44076
11.4 Shipyard Supp	34445	0	72657	72118
13.1 Bearing Refurb	537	0	1132	1123
13.3 TMDE	145	0	306	305
TOTAL	257024	0	542160	538144

NOTE: Table 14.1.h: **Total Above Core Workload**

Provided by NAVSEA Headquarters

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.

3

Table 15.1: **Unique and/or Peculiar Total Core Workload**

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
See Note, Table 14.1.a				
TOTAL				

3

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** 13

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
See Note, Table 14.1.a				
TOTAL				

Workload and Capabilities, continued Primary UIC: 60258

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**

20

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
7.1 Radar	60690	60690	60690	60690
7.2 Radio Comm	49656	49656	49656	49656
7.4 Electronic Warfar	297936	297936	297936	297936
7.5 Nav Aids	22069	22069	22069	22069
7.6 Electro-Optics	1839	1839	1839	1839
7.7 Satellite	1839	1839	1839	1839
11.1 Ships	2420958	2420958	2420958	2420958
11.2 Weapons Sys	262131	262131	262131	262131
11.4 Shipyard Supp	781253	781253	781253	781253
13.1 Bearing Refurb	41311	41311	41311	41311
13.3 TMDE	6038	6038	6038	6038
TOTAL	3945720	3945720	3945720	3945720

NOTE: All designated CORE ship work is unique to NSYs

Provided by NAVSEA Headquarters

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
7.1 Radar	12209	12209	12209	12209
7.2 Radio Comm	9989	9989	9989	9989
7.4 Electronic Warfar	59933	59933	59933	59933
7.5 Nav Aids	4439	4439	4439	4439
7.6 Electro-Optics	370	370	370	370
7.7 Satellite	370	370	370	370
11.1 Ships	2426409	2426409	2426409	2426409
11.2 Weapons Sys	263471	263471	263471	263471
11.4 Shipyard Supp	431092	431092	431092	431092
13.1 Bearing Refurb	6715	6715	6715	6715
13.3 TMDE	1819	1819	1819	1819
TOTAL	3216816	3216816	3216816	3216816

NOTE: All designated CORE ship work is unique to NSYs

Provided by NAVSEA Headquarters

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.

3

Table 15.2: **Non-Core Unique and/or Peculiar Workload**

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
See Note, Table 14.1.a				
TOTAL				

3

Workload and Capabilities, continued Primary UIC: 60258

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**

13

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
See Note, Table 14.1.a				
TOTAL				

Workload and Capabilities, continued Primary UIC: 60258

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**

20

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
7.1 Radar	20725	16709	20354	22393
7.2 Radio Comm	16957	13671	16653	18320
7.4 Electronic Warfar	101737	82027	99918	109924
7.5 Nav Aids	7536	6076	7401	8143
7.6 Electro-Optics	628	506	617	679
7.7 Satellite	628	506	617	679
11.1 Ships	826699	666534	811915	893229
11.2 Weapons Sys	89512	72170	87911	96715
11.4 Shipyard Supp	266778	215093	262007	288248
13.1 Bearing Refurb	14174	11042	13885	15476
13.3 TMDE	1994	1994	1994	1994
TOTAL	1347368	1086328	1323272	1455800

NOTE: All Non-CORE ship work is unique to NSYs

Provided by NAVSEA Headquarters

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
7.1 Radar	975	0	2058	2042
7.2 Radio Comm	798	0	1684	1671
7.4 Electronic Warfar	4789	0	10101	10026
7.5 Nav Aids	354	0	748	743
7.6 Electro-Optics	30	0	62	62
7.7 Satellite	30	0	62	62
11.1 Ships	193870	0	408945	405916
11.2 Weapons Sys	21051	0	44405	44076
11.4 Shipyard Supp	34445	0	72657	72118
13.1 Bearing Refurb	537	0	1132	1123
13.3 TMDE	145	0	306	305
TOTAL	257024	0	542160	538144

NOTE: All Non-CORE ship work is unique to NSYs

Provided by NAVSEA Headquarters

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
BASE SUPPORT	Provides general administrative services and personnel functions; makes (Administration) recommendations relating to implementation and promulgation of administrative policies and procedures; processes incoming and outgoing mail metering services for tenants.
* BACHELOR QUARTERS	Provide quarters for permanently assigned unaccompanied military and both military and civilian employees assigned TEMADD/TEMDU in local area.
EMERGENCY MANAGEMENT	Designs, coordinates, established exercises and refines disaster preparedness programs for activities within Los Angeles, Orange, Riverside and San Bernardino counties.
* ENLISTED DINING GALLEY	Provide rations in kind for permanent and TEMADD/TEMDU military personnel.
* FAMILY HOUSING	Manages government housing for military families in and around Long Beach area.
* FAMILY SERVICE	Support all local commands in family education and counseling spouse employment assistance, transition assistance, and deployed support (family ombudsman program).
* MORALE, WELFARE AND RECREATION for	Provides facilities and equipment required in connection with recreation program; operates/maintains various facilities for indoor and outdoor sport and recreation; provides administrative support appropriated and non-appropriated fund MWR functions.

*** NOTE: Functions listed herein are in addition to depot maintenance support functions performed by collocated activities listed under item #4 of this data call which tentatively are scheduled for transfer from NAVSTALB to the shipyard as a result of BRAC 91.**

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
BASE SUPPORT TO	Host activity adiminstrative support to customer ships: BENEFIT MILPERS/SHIPS
BACHELOR QUARTERS	Host activity temporary billeting for customer ships: BENEFIT TO MILPERS/SHIPS
EMERGENCY MANAGEMENT	Ensure preparedness/recovery capability: BENEFIT TO SHIPS/MAINTENANCE DEPOT
ENLISTED DINING GALLEY	Host activity temporary messing for customer ships: BENEFIT TO MILPERS/SHIPS
FAMILY HOUSING	Host activity govt family quarters for long overhauls: BENEFIT TO MILPERS/SHIPS
FAMILY SERVICES	FAP/RAP/TAP programs for assistance in /adjustmentPCS/separation: BENEFIT TO MILPERS
MORALE, WELFARE AND RECREATION	Host activity fitness and recreation equipment/facilities: BENEFIT TO MILPERS/SHIPS
RELIGIOUS MINISTRIES	Onboard availability of chaplain/worship services: BENEFIT TO MILPERS/SHIPS

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
Routine Ship Repair, Docking, and Modernization for In-yard Work	Day-to-day working level interaction to coordinate work, safety, testing, between ships force, intermediate maintenance activities (IMA's), contractors, external technical support and shipyard project management teams
Technical Assistance	Work with ships force, external technical support representatives, and other repair workers in identification and troubleshooting of technical ship and weapons system problems, and developing engineering solutions. May be performed on/off yard.
Planning and Estimating	Work with ships force and other technical agencies in identification of repair work; prepare repair plans and estimates, material lists.
Planning Yard Services	Work with ships force, technical agencies, and NAVSEA program managers in developing modernization plans, warfighting, reliability, or maintainability alterations; perform design and engineering calculations, produce drawings, specify equipment necessary to meet customer requirements.
Work Definition Conferences	Conduct negotiating sessions with ships force, type commander, NAVSEA, and other funding agencies to determine work scope and funding authorization.
Hazardous Waste	Work with ships force and other customer activities

Quality Assurance	Work with ships force, trade personnel, and outside agencies to develop and execute Quality Assurance plans, provide tests and inspections, and provide oversight and surveillance of processes.
Testing/Certifications	Perform testing and oversight of testing with ships force, outside technical agencies, and shipyard workers to verify the operability of ship systems and equipment in accordance with required specifications.
Training	Provide training to ships force and other customers on the operation, maintenance, and repair of installed systems and equipment.
Offsite Repairs	Perform repair and modernization to ships, ship systems, equipment and components at remote locations from the shipyard. Such occasions require more than usual interaction with customers because of added reliance on customers for logistic, administrative, and personnel support. Such offsite work may be a simple Alteration Installation Team (AIT) or may be a complex battle damage or accident repairs.
Project Management	Provides project planning and execution control to availabilities. Direct, detailed, and continuous interface is required with the ship's force and funds authorizing activities to determine interferes, problems, changes in work scope, safety and environmental constraints, scheduling, priorities, and satisfactory completion of work.
Housing/Facility Maintenance	Requires interface with building occupants to minimize adverse impacts, schedule, and work around living conditions to ensure timely and quality performance to the customer's satisfaction.

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)?

$25,063

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)	10,763	10,496	13,359	15,625

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)	210,422	233,362	256,846	277,063
$ / DLH	51.16	61.90	57.91	58.30

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 20.1.

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	4,087	6,748	8,293	9,801	2,168			
Programmed	3,940	5,700	8,578	8,631	9,735	4,474	4,447	3,921

Note: Costs FY 90 through second quarter FY 94 are actuals. No actual costs can be reported for FY 95 - FY 97

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?

None

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	14.07	14.64	15.25	15.81
WG-10 / Step3	13.58	14.13	14.72	15.26

NOTE: Data reflects wage rates at the beginning of each fiscal year. Data for WG-10 has also been included as more representative of the rate for our workforce. Current rates are WG-11 / Step3 - $16.23, WG-10 / Step3 - $15.60.

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 ($K)	850	981	700	700
REPLACEMENT ($K)	9,170	2,300	2,880	2,420

Note: The FY 1998 and FY 1999 numbers are planned but not budgeted investment.

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

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

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

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

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

ACTIVITY COMMANDER

CAPT John Pickering
NAME (Please type or print)

Signature

Shipyard Commander
Title

7 September 1994
Date

Long Beach Naval Shipyard
Activity

Data Call #9 and Supplement

UIC N60258

Data Being Certified: BRAC 95 Data Call Number 9, Long Beach Naval Shipyard

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

NEXT ECHELON LEVEL (if applicable)

Edward L. Shelton

NAME (Please type or print) Signature

Deputy Commander for Naval Shipyard and SUPSHIP Management and Field Activity Support Directorate (Acting)

Title Date 9/8/94

Naval Sea Systems Command

Activity

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

MAJOR CLAIMANT LEVEL

G. R. STERNER

NAME (Please type or print) Signature

Commander Naval Sea Systems Command

Title Date 9/8/94

Activity

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

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

W. A. EARNER

NAME (Please type or print) Signature

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

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

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

ACTIVITY COMMANDER

CAPT John Pickering
NAME (Please type or print)

Signature

Shipyard Commander
Title

9/10/94
Date

Long Beach Naval Shipyard
Activity

Data Call #9 Revisions:

Pages: 5R
5aR
6R
6aR
8R
8aR

Revisions are to Data Call Supplement for Joint Cross Service Group Depot Maintenance

UIC N60258

Data Being Certified: BRAC 95 Data Call Number 9. Long Beach Naval Shipyard, Revisions

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

NEXT ECHELON LEVEL (if applicable)

William H. Ryzewic

NAME (Please type or print)

W. H. Ryzewic

Signature

Executive Director for Naval Shipyard and SUPSHIP Management and Field Activity Support Directorate

Title

9/12/94

Date

Naval Sea Systems Command

Activity

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

MAJOR CLAIMANT LEVEL

NAME (Please type or print)

G. R. SUERNER
Commander
Naval Sea Systems Command

Signature

Title

9/12/94

Date

Activity

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

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

J. B. GREENE, JR.

NAME (Please type or print)

Signature

ACTING

14 SEP 1994

Data Being Certified: BRAC 95 Data Call Number 9, Supplemenal, Joint Cross Service Group - Depot Maintenance Tables 12-15, Long Beach Naval Shipyard.

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 Date 9/12/94

Activity

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

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

J. B. GREENE, JR.

NAME (Please type or print) Signature

ACTING

Title Date 14 SEP 1994

3

UIC N60258

Data Being Certified: BRAC 95 Data Call Number 9, Supplemental, Joint Cross Service Group - Depot Maintenance Tables 1.1a and 1.2a, Long Beach Naval Shipyard.

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

MAJOR CLAIMANT LEVEL

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

Signature

9/29/94
Date

Activity

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

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

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

Signature

Title

30 SEP 1994
Date

3

UIC N60258

Data Being Certified: BRAC 95 Data Call Number 9, Supplemenal, Joint Cross Service Group - Depot Maintenance Tables 12-15, Long Beach Naval Shipyard.

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

MAJOR CLAIMANT LEVEL

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

Signature

Date 9/29/94

Activity

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

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

W. A. EARNER

NAME (Please type or print)

Signature

Title

Date 30 SEP 1994

8 114

UIC N60258

Data Being Certified: BRAC 95 Data Call Number 9, Long Beach Naval Shipyard, Revision

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

NEXT ECHELON LEVEL (if applicable)

William H. Ryzewic

NAME (Please type or print)

W. H. Ryzewic

Signature

Executive Director for Naval Shipyard and SUPSHIP Management and Field Activity Support Directorate

Title

9/21/94

Date

Naval Sea Systems Command

Activity

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

MAJOR CLAIMANT LEVEL

NAME (Please type or print)

G. R. STERNER
Commander
Naval Sea Systems Command

Signature

Title

9/21/94

Date

Activity

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

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

NAME (Please type or print)

Signature

8

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

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

ACTIVITY COMMANDER

CAPT John Pickering
NAME (Please type or print)

Signature

Shipyard Commander
Title

19 September 1994
Date

Long Beach Naval Shipyard
Activity

Data Call #9 Revisions

Pages:
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~~5aR~~ } 9/21/94

8 114

UIC N60258

Data Being Certified: BRAC 95 Data Call Number 9, Supplemental Joint Cross Service Group - Depot Maintenance Table 14.1.e and 14.1.h, Long Beach Naval Shipyard

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

MAJOR CLAIMANT LEVEL

NAME (Please type or print) — Signature

Title G. R. STERNER
Commander
Naval Sea Systems Command
Activity

Date 10-6-94

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

Title — Date 10/5/94

114

UIC N60258

Data Being Certified: BRAC 95 Data Call Number 9, Supplemenal, Joint Cross Service Group - Depot Maintenance Table 1.2a, Long Beach Naval Shipyard, Revision.

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

MAJOR CLAIMANT LEVEL

G. R. STERNER

NAME (Please type or print)

Signature

10-4-94

Commander
Naval Sea Systems Command

Title

Date

Activity

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

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

NAME (Please type or print)

Signature

10/5/94

Title

Date

UIC N60258

Data Being Certified: BRAC 95 Data Call Number 9, Supplemental Joint Cross Service Group - Depot Maintenance, Revised Table 1.3.a, Table 3.1.a, and Table 3.1.b, Long Beach Naval Shipyard

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

MAJOR CLAIMANT LEVEL

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

Signature

10/7/94
Date

Activity

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

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

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

Signature

Title

10/7/94
Date

1 5

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

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

ACTIVITY COMMANDER

CAPT John Pickering	
NAME (Please type or print)	Signature
Shipyard Commander	6 October 1994
Title	Date
Long Beach Naval Shipyard	
Activity	

Data Call #9 Supplement
Pages
6R
8R
8aR

13

UIC N60258

Data Being Certified: BRAC 95 Data Call Number 9, Supplemental Joint Cross Service Group - Depot Maintenance, Revised Table 1.1.a, Table 1.2.a, and Tables 12-15 provided by NAVSEA, Long Beach Naval Shipyard

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

MAJOR CLAIMANT LEVEL

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

Signature

10/7/94
Date

Activity

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

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

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

Signature

Title

10/7/94
Date

UIC N60258

Data Being Certified: BRAC 95 Data Call Number 9, Supplemental Joint Cross Service Group - Depot Maintenance, Revised Tables 12-15 provided by NAVSEA, Long Beach Naval Shipyard.

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

MAJOR CLAIMANT LEVEL

E. S. MCGINLEY, II
NAME (Please type or print)

Signature

Acting Commander
Title

10/19/94
Date

Naval Sea Systems Command
Activity

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

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

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

Signature

Title

10/19/94
Date

Document Separator

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	
11. Sea systems: (Ships)	50.6%	58.3%	47.6%	51.6%	57.9%	R
11. Sea systems: (Weapons Systems)	50.6%	58.3%	47.6%	51.6%	57.9%	R
7. Ground & Shipboard Communications & Electronic Equipment (Radar)	100.0%	100.0%	100.0%	100.0%	100.0%	R
14. Other	100.0%	100.0%	100.0%	100.0%	100.0%	
TOTAL	58.3%	65.9%	56.8%	60.1%	65.4%	

Activity Norfolk Naval Shipyard
Primary UIC: 00181

4

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**

9

COMMODITY GROUP	INDEX (%)					
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	
7 Radar	85	85	85	85	85	R
11 Ships	72	74	76	51	61	R
11Weapons Systems	83	92	75	82	91	R
14 Other	77	89	86	86	86	R

Table 1.2.a data provided by NAVSEA Headquarters. R

Activity Norfolk Naval Shipyard
Primary UIC: 00181

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**

14

COMMODITY GROUP	INDEX (%)				
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999
7 Radar	85	85	85	85	85
11 Ships	72	74	76	51	61
11Weapons Systems	83	92	75	82	91
14 Other	77	89	86	86	86
11 Ships (Drydock)(Total)	72	74	76	51	61
7, 11 (weapons), 14 (Total)	77	90	85	85	86

R
R

Activity Norfolk Naval Shipyard
Primary UIC: 00181

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
7 .1 Ground & Shipboard Communications & Electronic Equipment (RADAR)	138	138	138	138	138
11.1 Sea Systems (ships)	72	74	76	51	61
11.2 Sea Systems (weapons)	72	80	65	71	79
11.3 Sea Systems: (Ship/Shipboard Support)	136	138	139	138	138
11.4 Sea Systems (Shipyard Support)	69	183	146	146	146
11.5 Sea Systems (Design Services)	137	138	138	138	138
11 Ships (Product)(Total)	72	74	76	51	61

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**

14

COMMODITY GROUP	INDEX (DLHs)					
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	
11. Sea systems: (Ships)	13,211,007	12,800,190	12,794,293	12,790,362	12,776,603	R
11. Sea systems: (Weapons Systems)	284,761	275,906	275,779	275,694	275,397	R
7. Ground & Shipboard Communications & Electronic Equipment (Radar)	8,032	8,032	8,032	8,032	8,032	R
14. Other	2,495,944	2,915,616	2,793,128	2,791,120	2,791,120	
TOTAL	15,999,744	15,999,744	15,871,232	15,865,208	15,851,152	

September 7, 1994

Activity Norfolk Naval Shipyard
Primary UIC 00181

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	
7 .0 Ground and Shipboard Communications and Electronic Equipment						
7.1 Radar	8,032	8,032	8,032	8,032	8,032	R
11.0 Sea systems						
11.1 Ships	13,211,007	12,800,190	12,794,293	12,790,362	12,776,603	R
11.2 Weapons Systems	284,761	275,906	275,779	275,694	275,397	R
11.3 Ship/Shipboard Support	913,640	931,712	933,720	931,712	931,712	R
11.4 Shipyard Support	240,960	636,536	508,024	508,024	508,024	R
11.5 Design Services	1,341,344	1,347,368	1,351,384	1,351,384	1,351,384	R
TOTAL	15,999,744	15,999,744	15,871,232	15,865,208	15,851,152	

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 Note 1	1,591,153	1,638,888	1,688,055	1,738,696	1,790,857
Equipments Note 2	485,175	499,730	514,722	530,164	546,069
TOTAL	2,076,328	2,138,618	2,202,777	2,268,860	2,336,926

Note:

1 The PRV was provided by Naval Facilities Command for DBOF only of $1,504,193,018 of 30 September 1993 and inflated per NAVSEA supplied factors.

The PRV given was for DBOF funded facilities for the Norfolk NSYD, South Gate, Paradise Creek, and St. Julien's Creek Annex. Because the majority of St. Julien's Creek Annex activities are assigned an O&M,N related PRV, this factor was not included as part of the PRV total. For this data call, we have excluded St. Julien's Creek Annex due to its transfer to COMNAVBASE.

2 Equipment PRV was calculated by multiplying the sum of Class 3 and Class 4 plant property CPV by 1.403.

September 10, 1994

Activity Norfolk Naval Shipyard
Primary UIC 00181

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	
11. Sea systems: (Ships)	374,083	399,972	349,166	390,042	450,379	R
11. Sea systems: (Weapons Systems)	8,063	8,621	7,526	8,407	9,708	R
7. Ground & Shipboard Communications & Electronic Equipment (Radar)	448	429	459	472	487	R
14. Other	112,692	122,339	127,227	130,959	134,895	
TOTAL	~~495,285~~ 495,286	531,361	484,378	~~529,881~~ 529,880	~~595,468~~ 595,469	

9

September 7, 1994

Activity Norfolk Naval Shipyard
Primary UIC 00181

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.

14

Table 3.1.a: **Programmed Workload**

COMMODITY GROUP	$ K					
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	
11. Sea systems: (Ships)	374,146	399,908	349,131	390,029	450,520	R
11. Sea systems: (Weapons Systems)	8,065	8,620	7,525	8,407	9,711	R
7. Ground & Shipboard Communications & Electronic Equipment (Radar)	448	429	459	472	487	R
14. Other	112,692	122,339	127,227	130,959	134,895	
TOTAL	495,351	531,296	484,342	529,867	595,613	

September 7, 1994

Activity Norfolk Naval Shipyard
Primary UIC: 00181

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	
7.0 Ground and Shipboard Communications and Electronic Equipment						
7.1 Radar	448	429	459	472	487	R
11.0 Sea systems						
11.1 Ships	374,146	399,908	349,131	390,029	450,520	R
11.2 Weapons Systems	8,065	8,620	7,525	8,407	9,711	R
11.3 Ship/Shipboard Support	41,251	39,095	42,531	43,716	45,030	R
11.4 Shipyard Support	10,879	26,709	23,140	23,836	24,553	R
11.5 Design Services	60,562	56,535	61,556	63,407	65,312	R
TOTAL	495,351	531,296	484,342	529,867	595,613	

September 10, 1994

Activity Norfolk Naval Shipyard
Primary UIC 00181

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Table 3.1.b: **Programmed Workload**

COMMODITY GROUP	DLHs					
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	
11. Sea systems: (Ships)	6,680,045	7,469,769	6,086,221	6,600,817	7,400,249	R
11. Sea systems: (Weapons Systems)	143,987	160,815	131,187	142,279	159,511	R
7. Ground & Shipboard Communications & Electronic Equipment (Radar)	8,032	8,032	8,032	8,032	8,032	R
14. Other	2,495,944	2,915,616	2,793,128	2,791,120	2,791,120	
TOTAL	9,328,008	~~10,545,232~~	9,018,568	9,542,248	10,358,912	

10,554,232

1

9

September 7, 1994

Activity Norfolk Naval Shipyard
Primary UIC 00181

14

Table 3.1.b: Programmed Workload

COMMODITY GROUP	DLHs					
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	
11. Sea systems: (Ships)	6,681,180	7,459,570	6,085,594	6,600,590	7,402,567	R
11. Sea systems: (Weapons Systems)	144,012	160,790	131,174	142,274	159,561	R
7. Ground & Shipboard Communications & Electronic Equipment (Radar)	8,032	8,032	8,032	8,032	8,032	R
14. Other	2,495,944	2,915,616	2,793,128	2,791,120	2,791,120	
TOTAL	9,329,168	10,544,008	9,017,928	9,542,016	10,361,280	

September 7, 1994

Activity Norfolk Naval Shipyard
Primary UIC 00181

Table 3.1.b: Programmed Workload

COMMODITY GROUP	DLHs					
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	
7.0 Ground and Shipboard and Electronic Equipment						
7.1 Radar	8,032	8,032	8,032	8,032	8,032	R
11.0 Sea systems						
11.1 Ships	6,681,180	7,459,570	6,085,594	6,600,590	7,402,567	R
11.2 Weapons Systems	144,012	160,790	131,174	142,274	159,561	R
11.3 Ship/Shipboard Support	913,640	931,712	933,720	931,712	931,712	R
11.4 Shipyard Support	240,960	636,536	508,024	508,024	508,024	R
11.5 Design Services	1,341,344	1,347,368	1,351,384	1,351,384	1,351,384	R
TOTAL	9,329,168	10,544,008	9,017,928	9,542,016	10,361,280	

.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.

At the Commodity group specified, there are no Service Centers of Excellence designated; however, Norfolk Naval Shipyard is currently designated as the depot overhaul point (DOP) for **over 2,000 items**. Typical examples of items for which Norfolk is DOP:

Commodity Group 7:
NAVAIR 2F Cog restoration: Radar repair

Commodity Group 11:
Hydraulic Actuator Valve repair
Main Feed Pump repair
Propulsion Shaft repair
Forced Draft Blower repair
Electronic Foundation fabrication
Locker fabrication
Barge Maintenance
SPCC 7H Cog restoration: Mechanical repair
NAVAIR 2S Cog restoration: Shaft repair

Commodity Group 14:
Navigation System Repair
Motor Rewind
Electric Motor Repair
Motor Generator Repair
NAVAIR 2Q Cog restoration: Aircraft carrier landing systems repair
300KW SSMG Rotors Refurbishment
SPCC 7H Cog restoration: Electrical repair (RPM Transmitters/Shafts)
SPCC 7E Cog restoration: Antenna repair
SPCC 7G Cog restoration: Electronic Crypto Equipment repairs
SPCC 7G Cog restoration: Electronic Module repair
SPCC 7H Cog restoration: Electronic repair
Norfolk NSYD is a stock point for
NAVSEA 08H managed 2S COG
X-1 primary reactor components

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Activity Norfolk Naval Shipyard
Primary UIC: 00181

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.

Activity	Location	Description of Strategic Importance/ Military Value
Norfolk Naval Shipyard	Portsmouth VA	Strategically located adjacent to the largest U.S. Fleet homeport concentration, Norfolk NSYD conducts scheduled overhauls, in addition to emergency repairs on ships. Norfolk NSYD has 7 drydocks and 4 piers and a berthing area capable of small craft, e.g., YTB's, YC-YFN's; submarines, and the world largest aircraft carriers. Norfolk NSYD is capable of performing any kind of repair or modernization on all platforms in the naval inventory. Centrally located to provide regional support to numerous Regional DoD activities, Norfolk NSYD provides an inland safe haven for homeported ships, service craft, and barges during destructive weather. Norfolk NSYD is located within 1 mile of Portsmouth Naval Hospital, 2 miles from government housing, 12 nautical miles from Naval Station Norfolk, 25 nautical miles from Naval Amphibious Base Little Creek, 3 miles from St. Julien's Creek which hosts the following activities: SIMA, Cryogenic School, Fleet ILO, DRMO, Fleet Technical Support Center Atlantic Detachment, Naval Command Control Ocean Surveillance Service

On several ships Norfolk NSYD has been the "one-stop-shop" for Type Commanders during CNO availabilities, contracting through SUPSHIP Portsmouth for work temporarily beyond our capacity. Having them resident in-yard makes this public private teaming much more effective.

Close to the headquarters for all 3 Type commanders and CINCLANTFLT, as well as our various customers in D.C.

Proximity to Naval Station Norfolk helps in supporting new initiative of performing upkeeps on submarines without a resident submarine tender.

Central location for providing fly-away support for off-yard, and especially overseas, voyage repairs (ready access to air transportation).

Short shipping distance for Readiness Support Group (RSG) to ship motors for rewind to our Center of Excellence.

Proximity to Washington, D.C. for the Planning Yard in dealing with the different NAVSEA codes involved in support of the ship classes under our cognizance.

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?

Yes.

If not in full compliance, provide a comprehensive list of individual regulations that require actions to be taken. What compliance waivers have been granted? **None required.**
When must the activity come into compliance? **Not applicable.**

Type	Regulation	Waiver (Date Expires)	Date Must be in 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? **No.**

If so, provide the details of the impact of the restrictions or delays.

Programmed Work	Restriction/Delay	Describe Impact

Not applicable.

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? **Yes.** If so, provide the details.

Special Program	Environmental/ Industrial Waste	Describe
Occupational Safety, Health, & Environment Office	Environmental Management and Industrial Waste processes	Total compliance with federal, state, and local regulation requires shipyard processes and task group instructions (TGI's) to reflect drydock discharges, ship to shore sanitary connections, and best management practices.

3.2 Within what provisions must the activity operate with regard to disposal of hazardous wastes and radioactive materials?

Type	Provisions	Describe
Hazardous Wastes per Federal and State Regulations	Code of Federal Regulations and Virginia Hazardous Waste Management Regulations	These regulations identify treatment, storage, disposal and management practices to be employed for all material considered hazardous waste.
Radiological Materials per Federal Regulations	Code of Federal Regulations and Department of Energy Division of Naval Reactors Regulations	These regulations identify handling, storage, disposal and management practices to be employed for all radiological 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.

UIC	Collocated Activity	Benefit/ Relationship: Describe Impact
PARENT UIC = N00187	PUBLIC WORKS CENTER, PORTSMOUTH SITE	Provides facility maintenance and engineering support. Owns and operates utilities (including Refuse Derived Fuel Plant) supplying Norfolk NSYD as well as St. Julien's Creek Annex.
N30018	NAVAL SURFACE WARFARE CENTER/CARDEROCK DIVISION (Formerly UERD)	Receive common services and Base Support Services.
N32532	BRANCH MEDICAL CLINIC NAVSHIPYD NORFOLK	Provides general outpatient health care to authorized personnel. Monitors employees health.
N35045	NAVAL DENTAL CLINIC BRANCH NSYD PORTSMOUTH, VA	Provides dental treatment to military personnel at NSYD, dependent commands, and units of the operating forces without dental facilities, and to eligible retirees in the Portsmouth area.
N42928	NAVAL CRIMINAL INVESTIGATIVE SERVICE NORFOLK DETACHMENT NSYD PORTSMOUTH	Provides investigative services.

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Activity Norfolk Naval Shipyard
Primary UIC: 00181

UIC	Collocated Activity	Benefit/ Relationship: Describe Impact
N45405	PLANNING, ENGINEERING, REPAIR & ALTERATIONS (SURFACE) ATLANTIC OFFICE	Advanced planning for assigned surface ships/craft.
N45807	ATLANTIC DIVISION CONTRACTS DIVISION NORFOLK VA	Administers construction contracts for Norfolk NSYD.
N47271	INTRA-FLEET SUPPLY SUPPORT OPERATIONS TEAM	Furnishes reimbursable support services through the use of fixed price indefinite quantity/time and materials contracts with commercial vendors.
N55631	NAVAL SEA SYSTEMS DETACHMENT, NAVAL INACTIVE SHIPS MAINTENANCE FACILITY	Has custody and provides for the inactivation, security, maintenance, cannibalization, disposal, readiness, and preparation for activation of naval ships and craft as assigned.
N62472	(3 Person office of) NAVAL FACILITIES ENGINEERING COMMAND NORTHERN DIVISION HOME OFFICE: LESTER PA	Provides assistance for crane services for various activities.
N62678	SUPERVISOR OF SHIPBUILDING, CONVERSION & REPAIR, PORTSMOUTH VA	Administers DON and other DoD shipbuilding, design, conversion, and facility contracts at assigned shipyards.
N62761	NAVAL AUDIT SERVICE SITE DETACHMENT	Provides on-site review as assigned.

September 7, 1994

Activity Norfolk Naval Shipyard
Primary UIC: 00181

UIC	Collocated Activity	Benefit/ Relationship: Describe Impact
N65580	NAVAL COMMAND CONTROL OCEAN SURVEILLANCE SERVICE ENGINEERING (NISE EAST)	Plans and directs the provision of electronics material support, including installation design, installation, maintenance engineering, and technical guidance and assistance for systems and equipment for which the NISE East command is assigned responsibility.
N66953	DEFENSE PRINTING SERVICE DETACHMENT BRANCH OFFICE	Provides on-site printing and duplication services for Norfolk NSYD and the geographic area.
N68551	PERSONNEL SUPPORT ACTIVITY DETACHMENT PORTSMOUTH VA	Provides advancements on travel and transportation orders and obtains transportation tickets as requested. Provides general counter service to military personnel.
N68793	FLEET INDUSTRIAL SUPPLY CENTER (FISC)	Provides on-site liaison in support of fleet material requirements.
HQCCBK	DEFENSE COMMISSARY AGENCY	Operates Commissary for active duty and eligible retired military and their dependents.
HQ0103	DEFENSE FINANCE & ACCOUNTING SERVICE	Provides payroll and related services to Norfolk NSYD and other activities.
SB3100	DEFENSE DISTRIBUTION DEPOT, NORFOLK VA	Provides stocked repairables for refurbishment by Norfolk NSYD.
NX1677	DEFENSE INVESTIGATIVE SERVICE DETACHMENT NORFOLK	Provides investigative services.
Parent UIC N0181	COOPERATIVE ASSOCIATION NSYD PORTSMOUTH	Operates snack bars and safety shoe store for shipyard employees.
Not	SCHEDULED AIRLINE	On site contractor who provides travel services,

UIC	Collocated Activity	Benefit/ Relationship: Describe Impact
Not applicable	NAVY YARD CREDIT UNION, INC.	Provides on-site banking services to members.
Not applicable	NORFOLK SHIPBUILDING & DRYDOCK CORP. OF NORFOLK, VA	Leases pier space at St. Helena via a contract administered by SUPSHIP PORTSVA.
Not applicable.	UNITED STATES POSTAL SERVICE, NORFOLK NAVAL SHIPYARD STATION--IDENTIFIED: BY ZIP: 23709-5000	Provides mail services to Norfolk NSYD, its tenants, and assigned ships and personnel.
Not applicable	VIRGINIA DEPARTMENT FOR THE VISUALLY HANDICAPPED, 397 AZALEA AVE., RICHMOND, VA 23227	Operates snack bars.
DODACC Z71105	FIFTH COAST GUARD DISTRICT, PORTSMOUTH, VA	Operates under a memorandum of understanding by which Norfolk NSYD provides BOQ/BEQ services to military

4.2 Do collocated activities support, or are they supported by, the depot maintenance activity?

Collocated Activity Describe Relationship

As noted above, all collocated activities support Norfolk NSYD, its active duty military, dependents, and employees. In return, each collocated activity contracts for space and services with the exception of the Fifth Coast Guard District, who contracts only for housing services.

4. Other Collocated Activities, continued

4.3 How would these activities and the depot maintenance activity function if they were not collocated?

UIC	Collocated Activity	Describe Impact if Not Collocated
PARENT UIC = N00187	PUBLIC WORKS CENTER, PORTSMOUTH SITE	Lack of ability to operate utilities and provide on-site facility maintenance.
N30018	NAVAL SURFACE WARFARE CENTER/CARDEROCK DIVISION (Formerly UERD)	No significant impact. Currently seeking a new location.
N32532	BRANCH MEDICAL CLINIC NAVSHIPYD NORFOLK	Increased response time for Norfolk NSYD employees requiring emergency treatment for industrial accidents. Excessive travel time for required, routine monitoring.
N35045	NAVAL DENTAL CLINIC BRANCH NSYD PORTSMOUTH, VA	Decreased dental availability for active duty military.
N42928	NAVAL CRIMINAL INVESTIGATIVE SERVICE NORFOLK DETACHMENT NSYD PORTSMOUTH	Employees would be required to travel offsite to participate in investigations. Agents would be required to travel to the Norfolk NSYD.
N44617	NAVAL REACTORS REPRESENTATIVE'S OFFICE (NRRO)	Inability to provide on-site assistance for nuclear matters.
N45405	PLANNING, ENGINEERING, REPAIR & ALTERATIONS (SURFACE) ATLANTIC OFFICE	No significant impact.

UIC	Collocated Activity	Describe Impact if Not Collocated
N55631	NAVAL SEA SYSTEMS DETACHMENT, NAVAL INACTIVE SHIPS MAINTENANCE FACILITY	Would require substantial investment in additional berthing for non-nuclear ships.
N62472	(3 person office of) NAVAL FACILITIES ENGINEERING COMMAND NORTHERN DIVISION HOME OFFICE: LESTER PA	No significant impact.
N62678	SUPERVISOR OF SHIPBUILDING, CONVERSION & REPAIR, PORTSMOUTH VA	Increased cost of contract administration.
N62761	NAVAL AUDIT SERVICE SITE DETACHMENT	Increased travel time and expense of employees and agents.
N65580	NAVAL COMMAND CONTROL OCEAN SURVEILLANCE SERVICE ENGINEERING (NISE EAST)	No significant impact. BRAC93 requires relocation to Charleston.
N66953	DEFENSE PRINTING SERVICE DETACHMENT BRANCH OFFICE	Increased cost of printing services. Increased lead time.
N68551	PERSONNEL SUPPORT ACTIVITY DETACHMENT PORTSMOUTH VA	No significant impact.
N68793	FLEET INDUSTRIAL SUPPLY CENTER (FISC)	Increased transportation cost of material.
HQCCBK	DEFENSE COMMISSARY AGENCY	Decreased MWR for military.
HQ0103	DEFENSE FINANCE &	Increased cost of financial services

UIC	Collocated Activity	Describe Impact if Not Collocated
Parent UIC N0181	COOPERATIVE ASSOCIATION NSYD PORTSMOUTH	No on-site food services or ready access to approved safety shoes. Increased administrative costs of safety shoe program.
Not applicable	SCHEDULED AIRLINE TICKET OFFICE	Increased cost of travel processing.
N62688	NAVAL DEPERMING STATION	No significant impact.
Not applicable	NAVY YARD CREDIT UNION, INC.	No significant impact. Morale might be lower.
Not applicable	NORFOLK SHIPBUILDING & DRYDOCK CORP. OF NORFOLK, VA	No significant impact.
Not applicable.	UNITED STATES POSTAL SERVICE, NORFOLK NAVAL SHIPYARD STATION--IDENTIFIED: BY ZIP: 23709-5000	No onsite postal services to ships, activities, and military personnel housed at Norfolk NSYD.
Not applicable	VIRGINIA DEPARTMENT FOR THE VISUALLY HANDICAPPED, 397 AZALEA AVE., RICHMOND, VA 23227	By law, equivalent facility, support, and market must be provided by federal government.
DODACC Z71105	FIFTH COAST GUARD DISTRICT, PORTSMOUTH, VA	Not applicable.

Geographic, continued

5. Encroachment

5.1 Have operations at this activity been at all constrained to accommodate requests of the local communities?

No.

Type of Encroachment	Operation Impacted	Describe

None.

5.2 Indicate any encroachment constraints on current or future operations that would restrict future expansion.

Type of Encroachment	Constraint on Expansion	Describe

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
Hydrostatic Test Center for compressed gas cylinders	This facility utilizes the water jacket volumetric expansion method to hydrostatically test gas cylinders with a rating up to DOT-3A 3500. This process consists of enclosing the cylinder in a vessel completely filled with water, measuring the total and permanent volumetric expansion of the cylinder. This is accomplished by measuring the amount of water that is displaced by expansion of the cylinder when under pressure and after pressure is released.
Antenna Range	To range, align and test antennas, after restoration and before they are installed aboard ship. On a 1,000 ft range located on a piece of land 1,500 ft long by 400 ft wide.
Accredited Environmental Test Laboratory	Third party accredited test facility meeting all Fed/State tests and quality control requirements.

6.2 Indicate the reasons that these facilities are required by the depot maintenance function.

Test Facility	Reasons Required for Maintenance
Hydrostatic Test Center for compressed gas cylinders	Norfolk Naval Shipyard consumes large amounts of Nitrogen and Oxygen in the performance of ship alterations and repairs. Due to the volume of gas used, it has been proven that purchasing gas in the bulk

Antenna Range	We are depot level restorer for Search Radar antennas SPS-48 and SPA 72, IFF antennas, AS-2188, AS-2189, and Aircraft Landing Systems Antennas SPN-43, SPN-35 for both linear and circular polarized reflectors. All which must be ranged before installation. We also test SPQ-9 Radomes.
Accredited Environmental Test Laboratory	State and Federal environmental compliance requirements must be tested in support of (and in addition to) operational maintenance functions.

6.3 How could the depot maintenance functions be performed without these specialized facilities?

Test Facility	Describe Testing Alternatives
Hydrostatic Test Center for compressed gas cylinders	This testing is a requirement of the Department of Transportation (DOT). The only other option would be to contract out this testing. It has been proven that NNSY can perform this function at a cost lower than commercially available.
Antenna Range	Antennas would have to be transported to another range (we have the only government owned range on the east coast) to be tested. The SPS-48 and SPA-72 are too big to be carried by truck and must be barged or flown, adding transportation cost and danger of damage to antenna.
Accredited Environmental Test Laboratory	By contracting out these functions to private facilities at a much higher cost and with significant potential of not meeting turn around times possibly incurring fines.

Facilities and Equipage, continued

7. Buildings and Their Condition

7.1 List the buildings used to perform the depot maintenance functions by category code numbers (five or six digit CCNs), identifying their current condition (adequate, substandard, and inadequate) in Table 7.1 in thousands of square feet (KSF).

Table 7.1: **Facility Conditions**

CCN	Facility Type	Condition / Area (# KSF)			Comments
		Adequate	Substandard	Inadequate	
213-41	Central Tool (06)	139,471	1,376	0	
213-42	Shipfitting Shop (11)	245,139	0	0	
213-43	Sheet Metal (17)	160,078	0	0	
213-44	Forge & Heat Treatment (23)	51,084	0	0	
213-45	Welding (26)	173,315	910	0	
213-48	Q.A.	26,525	123,852	12,944	(B30, F30) (A30, A32) (F30)
213-50	Optical Shop	0	0	0	
213-51	Weapons Shop (36)	0	0	0	
213-49	Inside Machine (31)	331,923	0	0	
213-52	Marine Machine (38)	155,179	23,077	0	
213-53	Boilermaker (41)	77,314	0	0	
213-54	Electrical (51)	148,138	0	0	
213-55	Pipefitter (56)	29,447	106,367	0	
213-56	Woodworking (64)	123,388	2,946	840	(B30)
213-57	Electronics (67)	156,045	0	0	

CCN	Facility Type	Condition / Area (#KSF)			Comments
		Adequate	Substandard	Inadequate	
213-61	Rigging Shop (72)	90,123	3,509	390	(F30)
213-62	Sail Loft	0	0	0	
213-63	Foundry (81)	0	166,115	0	Bldg 172 vacant
213-64	Pattern Maker (94)	0	28,636	0	
213-65	Nuclear Repair	111,619	19,628	0	
213-66	Temporary Svc (99)	47,731	0	0	
213-10	Drydocks SF LF	336,112 2,647	217,492 1,943	0	
213-67	Drydock Pumphouse	0	0	0	
213-68	Divers Change House	0	5,588	0	
213-70	Ship Svc Support	60,954	182,312	0	
213-77	Ships/Spares Storage	75,042	136,876	91,750	(E05, B30, A30); (A27, E05, A30); (D30)
	Total (SF)	2,622,558	1,018,684	105,924	
213-20	Marine Railway EA	0	0	0	
213-40	Fixed Crane Structure EA	2	0	0	
151-20	GP Berth Pier FB	7,084	0	0	
151-50	GP Repair Pier FB	5,236	1090	0	
152-20	Berth Wharf FB	790	400	0	
152-50	Repair Wharf FB	5,034	0	0	
154-20	Quaywalls LF	945	0	0	
155-10	Fleet Landing FB	80	0	0	
155-20	Small Craft Berthing FB	2,732	444	0	
860-10	Railroad Trackage Miles	15.45	0	0	

Facilities and Equipage, continued

7.2 In Table 7.2.a, identify space available for expansion by building type for those facility category code numbers (five or six digit CCNs) that are most important to your mission. An activity's expansion capability is a function of its ability to reconfigure/rehabilitate existing underutilized facilities to accept new or increased requirements.

Table 7.2.a: **Space Available for Expansion**

Building ID / Type	CCN	Installation Space (KSF)			Total
		Adequate	Substandard	Inadequate	
171	213-49	316			316
261	213-45	65			65
163	213-42	134			134
234	213-43	151			151
202	213-55		105		105
268	213-52	136			136
510	213-57	151			151
172	213-63		166		166
369	213-56	107			107
	TOTAL:	1,060	271		1,331

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?

Describe Maintenance Capability/Capacity	Describe Why Unique/Peculiar
Nuclear Refueling Facility	Only DON East coast facility to support CGN refuelings
Gas Plant	Unique to government, this plant tests, cleans, and fills oxygen, nitrogen, and compressed air gas cylinders and gravity fill liquid argon tanks. Other activities purchase their gases.
350-ton Hammerhead Crane	Unique to the government, this crane is on berth 2 on the Elizabeth River and is used to lift large nuclear components, deck edge elevators of aircraft carriers, and small service craft.
100-ton Special Purpose Floating Derrick	Unique to the East coast, this floating crane is certified to lift special purpose loads.
Propeller Shop	In FY96, the Propeller Shop at Philadelphia NYSD will become a NNSY Detachment. It is the only propeller shop in the world which can fabricate and repair certain large, complex propellers.
Foundry	In FY96, the Foundry at Philadelphia NYSD will become a NNSY Detachment. It provides products for all East Coast naval shipyards.

Describe Maintenance Capability/Capacity	Describe Why Unique/Peculiar
Automated Hazardous Waste Management System	Norfolk NSYD is capable of the pick up, storage, inventory, management, and shipment of hazardous waste. This capability includes a specific Shipment and Technical Section that maintains full compliance with Department of Transportation requirements. Normally this service is provided by contract through Defense Reutilization and Marketing Office.
Naval Sea Systems Command Training Information Resources (TIRO)	Moving as a result of BRAC93 from Mare Island, unique human resources and equipment moving to support function at Norfolk NSYD.
Naval Shipbuilding Support Office (NAVSHIPSO)	A BRAC93 decision, this unique activity is scheduled to operate its computerized resources as a detachment of Norfolk NYSD.
Tender Planning Yard	From Charleston NYSD as a result of BRAC93, unique combination of planning resources for tenders, etc. with unique nuclear requirements.
Intermediate Maintenance Activity Planning Yard	From Charleston NYSD as a result of BRAC93, unique move of mockups as well as military students to support required training.
Non-Nuclear Tender Planning Yard	From Charleston NYSD as a result of BRAC93, unique combination of planning resources for non-nuclear portions of tenders, etc.
Ship Silencing Test Room	Norfolk NSYD's ship silencing test room allows tests on noise critical motors and can measure low noise levels. This test room is required for depot maintenance to ensure the noise levels of motors are as low as possible or within test criteria. Without this specialized room, these tests would have to be performed onboard ship

Describe Maintenance Capability/Capacity	Describe Why Unique/Peculiar

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

Facility/Equipment	Describe Why It is One of a Kind
Nuclear Refueling Facility	Only DON East coast facility to support CGN refuelings
Gas Plant	Unique to government, this plant tests, cleans, and fills oxygen, nitrogen, and compressed air gas cylinders and gravity fill liquid argon tanks. Other activities purchase their gases.
350-ton Hammerhead Crane	Unique to the government, this crane is on berth 2 on the Elizabeth River and is used to lift large nuclear components, deck edge elevators of aircraft carriers, and small service craft.
100-ton Special Purpose Floating Derrick	Unique to the East coast, this floating crane is certified to lift special purpose loads.
Propeller Shop	In FY96, the Propeller Shop at Philadelphia NYSD will become a NNSY Detachment. It is the only propeller shop in the world which can fabricate and repair certain large, complex propellers.
Foundry	In FY96, the Foundry at Philadelphia NYSD will become a NNSY Detachment. It provides products for all East Coast naval shipyards.
Capability of	Only government activity which is certified to manufacture SPQ-9 radomes, a fiberglass process

Automated Hazardous Waste Management System	Norfolk NSYD is capable of the pick up, storage, inventory, management, and shipment of hazardous waste. This capability includes a specific Shipment and Technical Section that maintains full compliance with Department of Transportation requirements. Normally this service is provided by contract through Defense Reutilization and Marketing Office.
Naval Sea Systems Command Training Information Resources (TIRO)	Moving as a result of BRAC93 from Mare Island, unique human resources and equipment moving to support function at Norfolk NSYD.
Naval Shipbuilding Support Office (NAVSHIPSO)	A BRAC93 decision, this unique activity is scheduled to operate its computerized resources as a detachment of Norfolk NYSD.
Tender Planning Yard	From Charleston NYSD as a result of BRAC93, unique combination of planning resources for tenders, etc. with unique nuclear requirements.
Intermediate Maintenance Activity Planning Yard	From Charleston NYSD as a result of BRAC93, unique move of mockups as well as military students to support required training.
Non-Nuclear Tender Planning Yard	From Charleston NYSD as a result of BRAC93, unique combination of planning resources for non-nuclear portions of tenders, etc.

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**

Site Location: Norfolk Naval Shipyard Main Site

Land Use	Total Acres	Developed Acreage	Available for Development	
			Restricted	Unrestricted
Maintenance	20	20	0	0
OperationalNote 1	250	250	0	0
Training	5	5	0	0
R & D	1	1	0	0
Supply & Storage	50	50	0	0
Admin	40	35	0	Note 2 5
Housing	20	20	0	0
Recreational	15	15	0	0
'Navy Forestry Program	0	0	0	0
Navy Agricultural Outlease Program	0	0	0	0
Hunting/Fishing Programs	0	0	0	0
Other :Parking	40	40	0	0
Other: Trophy Park	2	1	1	0
Other: Medical	2	2	0	0
Other: Utilities	53	53	0	0
Total:	498	492	1	Note 2 5

Notes:

September 7, 1994

Activity Norfolk Naval Shipyard
Primary UIC: 00181

Site Location: Scott Center Annex

Land Use	Total Acres	Developed Acreage	Available for Development	
			Restricted	Unrestricted
Maintenance	0	0	0	0
Operational	0	0	0	0
Training	0	0	0	0
R & D	0	0	0	0
Supply & Storage	0	0	0	0
Admin	0	0	0	0
Housing	2	2	0	0
Recreational	40	30	8 Note 1	2
Navy Forestry Program	0	0	0	0
Navy Agricultural Outlease Program	0	0	0	0
Hunting/Fishing Programs	0	0	0	0
Other: MWR Note 2	20	20	0	0
Total:	62	52	8	2

Notes:

1. Wetlands
2. Morale, Welfare, and Recreation incudes club, child development center, exchange, commissary, auto hobby, etc.

September 7, 1994

Activity Norfolk Naval Shipyard
Primary UIC: 00181

Site Location: South Gate Annex

Land Use	Total Acres	Developed Acreage	Available for Development	
			Restricted	Unrestricted
Maintenance	0	0	0	0
Operational	36	16	20*	0
Training	0	0	0	0
R & D	0	0	0	0
Supply & Storage	47	37	0	10
Admin	1	1	0	0
Housing	0	0	0	0
Recreational	0	0	0	0
Navy Forestry Program	0	0	0	0
Navy Agricultural Outlease Program	0	0	0	0
Hunting/Fishing Programs	0	0	0	0
Other	0	0	0	0
Total:	84	54	20*	10

Notes:
* Water

September 7, 1994

Activity Norfolk Naval Shipyard
Primary UIC: 00181

Site Location: St. Helena Annex

Land Use	Total Acres	Developed Acreage	Available for Development	
			Restricted	Unrestricted
Maintenance	0	0	0	0
Operational	20 Note 1	20	0	0
Training	0	0	0	0
R & D	0	0	0	0
Supply & Storage	0	0	0	0
Admin	0	0	0	0
Housing	0	0	0	0
Recreational	0	0	0	0
Navy Forestry Program	0	0	0	0
Navy Agricultural Outlease Program	0	0	0	0
Hunting/Fishing Programs	0	0	0	0
Other	0	0	0	0
Total:	20	20	0	0

Notes:

1. Leased to Norfolk Shipbuilding & Drydock (NORSHIPCO)

September 7, 1994

Activity Norfolk Naval Shipyard
Primary UIC: 00181

Site Location: Paradise Creek Annex

Land Use	Total Acres	Developed Acreage	Available for Development	
			Restricted	Unrestricted
Maintenance	0	0	0	0
Operational	0	0	0	0
Training	0	0	0	0
R & D	0	0	0	0
Supply & Storage	38	0	3 Note 1	35
Admin	0	0	0	0
Housing	0	0	0	0
Recreational	0	0	0	0
Navy Forestry Program	0	0	0	0
Navy Agricultural Outlease Program	0	0	0	0
Hunting/Fishing Programs	0	0	0	0
Other: SPSA Lease	23	20	3 Note 1	0
Other: Landfill	30	0	2 Note 1	28
Total:	91	20	8 Note 1	63

Notes:

1. Wetlands

September 7, 1994

Activity Norfolk Naval Shipyard
Primary UIC: 00181

Site Location: St. Julien's Creek annex (Ball fields/ Waverly Sykes Training Center only)

Land Use	Total Acres	Developed Acreage	Available for Development	
			Restricted	Unrestricted
Maintenance	0	0	0	0
Operational	0	0	0	0
Training	6	6	0	0
R & D	0	0	0	0
Supply & Storage	0	0	0	0
Admin	0	0	0	0
Housing	0	0	0	0
Recreational	34	20	0	14
Navy Forestry Program	0	0	0	0
Navy Agricultural Outlease Program	0	0	0	0
Hunting/Fishing Programs	0	0	0	0
Other	0	0	0	0
Total:	40	26	0	14

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?

Current Use	Square Feet	Potential Use (Be Specific)
	None.	

11. Industrial Waste

11.1 Are there any inhibiting factors that would limit future expansion on the base? Provide the details if applicable. **No.**

Inhibiting Factor	Provide Detailed Description

Not applicable.

MEASURES OF MERIT Primary UIC: 00181

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
7	5082	5082	5082	5082
Radar	5082	5082	5082	5082
11	8322311	8322311	8322311	8322311
Ships	8146710	8146710	8146710	8146710
Weapons Sys	175601	175601	175601	175601
14	1744816	1744816	1744816	1744816
TOTAL	10072209	10072209	10072209	10072209

NOTE: Table 12.1.a: **Service Required Core**
Provided by NAVSEA Headquarters

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MEASURES OF MERIT

Primary UIC: 00181

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**

14

COMMODITY GROUP	Capability (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
7	5082	5082	5082	5082
Radar	5082	5082	5082	5082
11	8322311	8322311	8322311	8322311
Ships	8146710	8146710	8146710	8146710
Weapons Sys	175601	175601	175601	175601
14	1744816	1744816	1744816	1744816
TOTAL	10072209	10072209	10072209	10072209

NOTE: Table 12.1.a: **Service Required Core**
Provided by NAVSEA Headquarters

MEASURES OF MERIT Primary UIC: 00181

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**

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COMMODITY GROUP	Capability (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
7.1 Radar	5089	5089	5089	5089
11.1 Ships	8103954	8103954	8103954	8103954
11.2 Weapons Systems	174679	174679	174679	174679
11.3 Ship/S.board Sup.	590649	590649	590649	590649
11.4 Shipyard Support	342239	342239	342239	342239
11.5 Design Services	855599	855599	855599	855599
TOTAL	10072209	10072209	10072209	10072209

NOTE: Table 12.1.a: **Service Required Core**
Provided by NAVSEA Headquarters

MEASURES OF MERIT Primary UIC: 00181

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
7.1 Radar	7340	7340	7340	7340
11.1 Ships	6293532	6293532	6293532	6293532
11.2 Weapons Systems	135656	135656	135656	135656
11.3 Ship/S.board Sup.	851873	851873	851873	851873
11.4 Shipyard Support	493600	493600	493600	493600
11.5 Design Services	1234000	1234000	1234000	1234000
TOTAL	9016001	9016001	9016001	9016001

NOTE: Table 12.1.a: **Service Required Core**
Provided by NAVSEA Headquarters

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
NONE				
TOTAL				

NOTE: Table 12.2.a: **Core Capability Retained for Other Services**
Provided by NAVSEA Headquarters

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** 14

COMMODITY TYPE	Capability (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
NONE				
TOTAL				

NOTE: Table 12.2.a: **Core Capability Retained for Other Services**
Provided by NAVSEA Headquarters

Workload and Capabilities, continued Primary UIC: 00181

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**

21

COMMODITY TYPE	Capability (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
NONE				
TOTAL				

NOTE: Table 12.2.a: **Core Capability Retained for Other Services**
Provided by NAVSEA Headquarters

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
NONE				
TOTAL				

NOTE: Table 12.2.a: **Core Capability Retained for Other Services**
Provided by NAVSEA Headquarters

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
7	5082	5082	5082	5082
Radar	5082	5082	5082	5082
11	8322311	8322311	8322311	8322311
Ships	8146710	8146710	8146710	8146710
Weapons Sys	175601	175601	175601	175601
14	1744816	1744816	1744816	1744816
TOTAL	10072209	10072209	10072209	10072209

NOTE: Table 12.3.a: **Service-Controlled Core (Title 10)**
Provided by NAVSEA Headquarters

September 7, 1994

Activity Norfolk Naval Shipyard
Primary UIC: 00181

DATA CALL SUPPLEMENT
FOR
JOINT CROSS SERVICE GROUP - DEPOT MAINTENANCE

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Activity Norfolk Naval Shipyard
Primary UIC: 00181

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

September 7, 1994

Activity Norfolk Naval Shipyard
Primary UIC: 00181

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

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

11. Sea Systems
    Ships
    Weapons Systems

12. Software
    Tactical Systems
    Support Equipment

13. Special Interest Items
    Bearings Refurbishment
    Calibration (Type I)
    TMDE

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

September 10, 1994

Activity Norfolk Naval Shipyard
Primary UIC 00181

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
11. Sea systems: (Ships)	13,211,007	12,800,190	12,794,293	12,790,362	12,776,603
11. Sea systems: (Weapons Systems)	284,761	275,906	275,779	275,694	275,397
7. Ground & Shipboard Communications & Electronic Equipment (Radar)	8,032	8,032	8,032	8,032	8,032
14. Other	2,495,944	2,915,616	2,793,128	2,791,120	2,791,120
TOTAL	15,999,744	15,999,744	15,871,232	15,865,208	15,851,152

NORFOLK NSYD

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Activity Norfolk Naval Shipyard
Primary UIC: 00181

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**

14

COMMODITY GROUP	INDEX (DLHs)					
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	
7 Radar	9500	9500	9500	9500	9500	R
11 Ships	8097357	8097357	8097357	8097357	8097357	R
11 Weapon Systems	174537	174537	174537	174537	174537	R
14 Other	3261446	3261446	3261446	3261446	3261446	R
TOTAL	11542840	11542840	11542840	11542840	11542840	R

Table 1.1.a data provided by NAVSEA Headquarters. R

Activity Norfolk Naval Shipyard
Primary UIC: 00181

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
7.1 Ground & Shipboard Communications & Electronic Equipment (Radar)	5825	5825	5825	5825	5825
11.1 Sea Systems (ships)	9336201	9336201	9336201	9336201	9336201
11.2 Sea Systems (weapons)	201240	201240	201240	201240	201240
11.3 Sea Systems: (Ship/shipboard Support)	673320	673320	673320	673320	673320
11.4 Sea Systems (Shipyard support)	348309	348309	348309	348309	348309

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
7.1 Radar	7340	7340	7340	7340
11.1 Ships	6293532	6293532	6293532	6293532
11.2 Weapons Systems	135656	135656	135656	135656
11.3 Ship/S.board Sup.	851873	851873	851873	851873
11.4 Shipyard Support	493600	493600	493600	493600
11.5 Design Services	1234000	1234000	1234000	1234000
TOTAL	9016001	9016001	9016001	9016001

NOTE: Table 12.3.a: **Service-Controlled Core (Title 10)**
Provided by NAVSEA Headquarters

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
7.1 Radar	7340	7340	7340	7340
11.1 Ships	6293532	6293532	6293532	6293532
11.2 Weapons Systems	135656	135656	135656	135656
11.3 Ship/S.board Sup.	851873	851873	851873	851873
11.4 Shipyard Support	493600	493600	493600	493600
11.5 Design Services	1234000	1234000	1234000	1234000
TOTAL	9016001	9016001	9016001	9016001

NOTE: Table 13.1a **Total Core Workloads**
Provided by NAVSEA Headquarters

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				

Note: The amount of workload in the below listed categories is negligible in the Naval Shipyards, and therefore is not listed in the following tables:

14.1.a: FMS Above Core Workload
14.1.b: Interservice Above Core Workload
14.1.c: Other Agency Above Core Workload
14.1.e: Within Service Above Core Workload
14.1.f: Low Quantity Above Core Workload
14.1.g: All Other Workload (Above Core)

Provided by NAVSEA Headquarters

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
7.1 Radar	1244	2	428	1095
11.1 Ships	1066610	1345	367180	939059
11.2 Weapons Systems	22991	29	7914	20241
11.3 Ship/S.board Sup.	144373	182	49700	127108
11.4 Shipyard Support	83654	105	28798	73650
11.5 Design Services	209135	264	71995	184126
TOTAL	1528007	1927	526015	1345279

NOTE: Table 14.1.d: **Last Source of Repair Workload**
Provided by NAVSEA Headquarters

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
See Note Table 14.1.a				

NOTE: Table 14.1.e: **Within Service Above Core Workload**
Provided by NAVSEA Headquarters

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
7.1 Radar	1244	2	428	1095
11.1 Ships	1066610	1345	367180	939059
11.2 Weapons Systems	22991	29	7914	20241
11.3 Ship/S.board Sup.	144373	182	49700	127108
11.4 Shipyard Support	83654	105	28798	73650
11.5 Design Services	209135	264	71995	184126
TOTAL	1528007	1927	526015	1345279

NOTE: Table 14.1.h: **Total Above Core Workload**
Provided by NAVSEA Headquarters

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
7.1 Radar	1244	2	428	1095
11.1 Ships	1066610	1345	367180	939059
11.2 Weapons Systems	22991	29	7914	20241
11.3 Ship/S.board Sup.	144373	182	49700	127108
11.4 Shipyard Support	83654	105	28798	73650
11.5 Design Services	209135	264	71995	184126
TOTAL	1528007	1927	526015	1345279

NOTE: All non-core ship work is unique to NSYs

Provided by NAVSEA Headquarters

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
Ship Alteration Development Planning Yard Functions Engineering Design Agent	NNSY is the Engineering Design Agent for all cruisers (East & West coasts) and provides full fleet support as Design agent for large air capable ships including: a.) All NIMITZ class carriers (East & West coasts). b.) All East coast conventional carriers. c.) All Helicopter Landing ships (LHA's). d.) All Dock Landing ships (LHD's). and is responsible for all Engineering & Design work including shipalt development. Customer interface is required for guidance as shipalts are engineered & drawings prepared to customer's specifications.
Ship Alteration Installation First Time Shipalts Alteration Installation Teams (AIT) Submarine Extended-Operating Cycle Fly Away Teams Air Launch & Recovery (ALRE) Tycom Alteration Requests (AR) Reliability & Maintenance (R&M)	Usually first time shipalts are installed by naval shipyards to eliminate problems before tasking private yards. Recent example is "Women at Sea" installed on first carrier by NNSY attracting national media attention and Secretary of Defense visit. NNSY also coordinates teams which travel to off yard locations anywhere in the world to install planned shipalts. Engineering drawings supporting these efforts for FY 94 include:

September 7, 1994

Activity Norfolk Naval Shipyard
Primary UIC: 00181

Service/function	Describe Required Interface/Relationship/Benefit
Ship's Solid & Plastic Waste. Lead Design Agent	Ensure Fleet wide compliance with environmental standards. Interface Navy wide with other Planning Yards, Fleet Commanders, NAVSEA, PERA's, & ships.
Configuration Control Data Manager	Maintenance of Weapon Systems File (spare parts) for assigned ships resulting in proper critical logistics support for onboard repair parts, test equipment, technical documentation, & operating instructions. Interfaces include customers from SPCC, Tycoms, CD-NSWC, FTSC, overhauling activities, & ships.
Emergent Repairs Voyage Repairs Battle Damage Emergency Repairs Tiger Teams Engineering Response	NNSY is able to respond quickly to emergent work anywhere in the world. Because it is located just minutes from the largest fleet in the world, most of the response is to local repairs for three major customers, AIRLANT, SUBLANT, & SURFLANT. However, during emergencies teams are able to respond in hours anywhere in the world with portable facilities. Engineers are able to provide technical resolutions immediately assessing material, labor, time, & cost requirements such as with Desert Storm, where engineers were on location to assess battle damage to USS STARK & USS ROBERTS within twenty four hours. This reliable response to customer needs is unobtainable anywhere else.
Regional Consolidated Fleet Support for Motor Repair	Constant interface with customers involved is required to set priorities in order to support

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Activity Norfolk Naval Shipyard
Primary UIC: 00181

Service/function	Describe Required Interface/Relationship/Benefit
Antenna Range Support	Norfolk NYSD provides overall management and engineering support for the Navy's East Coast Antenna Range located at St. Julien's Creek Annex. This facility supports the fleet by validating/testing surface ship search radar antennas after overhaul.
Unique Engineering Support Original Ship Design Miscellaneous Investigations Surveys Outside Navy	Norfolk NSYD assists NAVSEA & original shipbuilders by providing technical input during development design for new ship designs such as: a.)ARLEIGH BURKE Class (DDG-51 CL). b.) Heat Stress Surveys c.)"LX" Amphibious Assault Class. d.)CVN-76 Class Nuclear Aircraft Carriers. Norfolk NYSD provides technical fleet support for investigations such as: a.) Aircraft Carrier Climate Control b.) Heat Stress Surveys. c.) Inclining Experiments & Displacement checks. d.) Shock Testing. Norfolk NSYD provides engineering support to activities outside the Navy including: a.) Coast Guard. b.) National Oceanic & Atmospheric Administration. c.) Military Sealift Command. d.) Local community (bridge repairs.) This unique support requires interface to produce the best, most cost effective, state of the art product.

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)?

$83,331 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)	27,043	24,117	19,832	24,611

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)	$547,389	$551,662	$582,830	$614,449
$ / DLH	$45.38	$49.63	$42.65	$49.86

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 20.1.

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	4,115	4,851	5,360	5,449	5,175 to date	N/A	N/A	N/A
Programmed	3,478	5,072	5,121	6,981	9,581	11,862	11,736	11,868

Note:
1. Norfolk NYSD offers the following explanation for the budget increase from FY93 to FY95: Compliance with changing permit requirements for Hazardous Waste, Water Quality, and reflects closure costs deferred from FY93 as well as the loss of centralized Pollution Abatement funds.

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?

Zero dollars.
Given no change in environmental deficiencies, regulatory requirements, or cost increases programmed funding, would achieve compliance.

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**

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 ($K)	200	1,450	0*	0*
REPLACEMENT ($K)	4,259	4,725	2,125*	1,800*

Notes:

* Planned but not budgeted (as of March 1994).

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)** 14

COMMODITY GROUP	Capability (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
7	5082	5082	5082	5082
Radar	5082	5082	5082	5082
11	8322311	8322311	8322311	8322311
Ships	8146710	8146710	8146710	8146710
Weapons Sys	175601	175601	175601	175601
14	1744816	1744816	1744816	1744816
TOTAL	10072209	10072209	10072209	10072209

NOTE: Table 12.3.a: **Service-Controlled Core (Title 10)**
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Workload and Capabilities, continued Primary UIC: 00181

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)**

21

COMMODITY GROUP	Capability (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
7.1 Radar	5089	5089	5089	5089
11.1 Ships	8103954	8103954	8103954	8103954
11.2 Weapons Systems	174679	174679	174679	174679
11.3 Ship/S.board Sup.	590649	590649	590649	590649
11.4 Shipyard Support	342239	342239	342239	342239
11.5 Design Services	855599	855599	855599	855599
TOTAL	10072209	10072209	10072209	10072209

NOTE: Table 12.3.a: **Service-Controlled Core (Title 10)**
Provided by NAVSEA Headquarters

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
7	5082	5082	5082	5082
Radar	5082	5082	5082	5082
11	8322311	8322311	8322311	8322311
Ships	8146710	8146710	8146710	8146710
Weapons Sys	175601	175601	175601	175601
14	1744816	1744816	1744816	1744816
TOTAL	10072209	10072209	10072209	10072209

NOTE: Table 13.1a **Total Core Workloads**
Provided by NAVSEA Headquarters

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** 14

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
7	5082	5082	5082	5082
Radar	5082	5082	5082	5082
11	8322311	8322311	8322311	8322311
Ships	8146710	8146710	8146710	8146710
Weapons Sys	175601	175601	175601	175601
14	1744816	1744816	1744816	1744816
TOTAL	10072209	10072209	10072209	10072209

NOTE: Table 13.1a **Total Core Workloads**
Provided by NAVSEA Headquarters

Workload and Capacities, continued Primary UIC: 00181

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**

21

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
7.1 Radar	5089	5089	5089	5089
11.1 Ships	8103954	8103954	8103954	8103954
11.2 Weapons Systems	174679	174679	174679	174679
11.3 Ship/S.board Sup.	590649	590649	590649	590649
11.4 Shipyard Support	342239	342239	342239	342239
11.5 Design Services	855599	855599	855599	855599
TOTAL	10072209	10072209	10072209	10072209

NOTE: Table 13.1a **Total Core Workloads**
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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				

4

Note: The amount of workload in the below listed categories is negligible in the Naval Shipyards, and therefore is not listed in the following tables:

14.1.a: FMS Above Core Workload
14.1.b: Interservice Above Core Workload
14.1.c: Other Agency Above Core Workload
14.1.f: Low Quantity Above Core Workload
14.1.g: All Other Workload (Above Core)
15.1: Unique and/Peculiar Total Core Workload
15.2: Non-Core Unique and/or Peculiar Workload

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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**

14

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

Note: The amount of workload in the below listed categories is negligible in the Naval Shipyards, and therefore is not listed in the following tables:

14.1.a: FMS Above Core Workload
14.1.b: Interservice Above Core Workload
14.1.c: Other Agency Above Core Workload
14.1.f: Low Quantity Above Core Workload
14.1.g: All Other Workload (Above Core)
15.1: Unique and/Peculiar Total Core Workload
15.2: Non-Core Unique and/or Peculiar Workload

Workload and Capabilities, continued Primary UIC: 00181

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**

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

Note: The amount of workload in the below listed categories is negligible in the Naval Shipyards, and therefore is not listed in the following tables:

14.1.a: FMS Above Core Workload
14.1.b: Interservice Above Core Workload
14.1.c: Other Agency Above Core Workload
14.1.f: Low Quantity Above Core Workload
14.1.g: All Other Workload (Above Core)

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14. Other Workloads (Above Core), continued

4

Table 14.1.b: **Interservice Above Core Workload**

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
See Note, Table 14.1.a				
TOTAL				

Table 14.1.c: **Other Agency Above Core Workload**

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
See Note, Table 14.1.a				
TOTAL				

14. Other Workloads (Above Core), continued

14

Table 14.1.b: **Interservice Above Core Workload**

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
See Note, Table 14.1.a				
TOTAL				

Table 14.1.c: **Other Agency Above Core Workload**

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
See Note, Table 14.1.a				
TOTAL				

14. Other Workloads (Above Core), continued

21

Table 14.1.b: **Interservice Above Core Workload**

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
See Note, Table 14.1.a				
TOTAL				

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Table 14.1.c: **Other Agency Above Core Workload**

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
See Note, Table 14.1.a				
TOTAL				

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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
See Note, Table 14.1.a				
TOTAL				

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Table 14.1.c: **Other Agency Above Core Workload**

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
See Note, Table 14.1.a				
TOTAL				

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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
7	272	272	272	272
Radar	272	272	272	272
11	444649	444649	444649	444649
Ships	435267	435267	435267	435267
Weapons Sys	9382	9382	9382	9382
14	93223	93223	93223	93223
TOTAL	538144	538144	538144	538144

NOTE: Table 14.1.d: **Last Source of Repair Workload**
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14. Other Workloads (Above Core), continued

14

Table 14.1.d: **Last Source of Repair Workload**

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
7	272	272	272	272
Radar	272	272	272	272
11	444649	444649	444649	444649
Ships	435267	435267	435267	435267
Weapons Sys	9382	9382	9382	9382
14	93223	93223	93223	93223
TOTAL	538144	538144	538144	538144

NOTE: Table 14.1.d: **Last Source of Repair Workload**
Provided by NAVSEA Headquarters

Workload and Capabilities, continued Primary UIC: 00181

14. Other Workloads (Above Core), continued

Table 14.1.d: **Last Source of Repair Workload**

21

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
7.1 Radar	272	272	272	272
11.1 Ships	432983	432983	432983	432983
11.2 Weapons Systems	9333	9333	9333	9333
11.3 Ship/S.board Sup.	31558	31558	31558	31558
11.4 Shipyard Support	18285	18285	18285	18285
11.5 Design Services	45713	45713	45713	45713
TOTAL	538144	538144	538144	538144

NOTE: Table 14.1.d: **Last Source of Repair Workload**
Provided by NAVSEA Headquarters

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
7	2678	2678	2678	2678
Radar	2678	2678	2678	2678
11	4309136	4303112	4299096	4285040
Ships	4218213	4212316	4208385	4194626
Weapons Systems	90923	90796	90711	90414
14	1077577	955089	953081	953081
TOTAL	5389391	5260879	5254855	5240799

NOTE: Table 14.1.e: **Within Service Above Core Workload**
Provided by NAVSEA Headquarters

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
See Note, Table 14.1.a				
TOTAL				

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
7	2678	2678	2678	2678
Radar	2678	2678	2678	2678
11	4309136	4303112	4299096	4285040
Ships	4218213	4212316	4208385	4194626
Weapons Systems	90923	90796	90711	90414
14	1077577	955089	953081	953081
TOTAL	5389391	5260879	5254855	5240799

NOTE: Table 14.1.e: **Within Service Above Core Workload**
Provided by NAVSEA Headquarters

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
See Note, Table 14.1.a				
TOTAL				

Workload and Capabilities, continued Primary UIC: 00181

14. Other Workloads (Above Core), continued

Table 14.1.e: **Within Service Above Core Workload**

21

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
7.1 Radar	2671	2671	2671	2671
11.1 Ships	4263254	4257357	4253426	4239667
11.2 Weapons Systems	91894	91767	91682	91385
11.3 Ship/S.board Sup.	309505	311513	309505	309505
11.4 Shipyard Support	276011	147499	147499	147499
11.5 Design Services	446056	450072	450072	450072
TOTAL	5389391	5260879	5254855	5240799

NOTE: Table 14.1.e: **Within Service Above Core Workload**
Provided by NAVSEA Headquarters

Workload and Capabilities, continued Primary UIC: 00181

14. Other Workloads (Above Core), continued

Table 14.1.f: **Low Quantity Above Core Workload** 21

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
See Note, Table 14.1.a				
TOTAL				

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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
See Note, Table 14.1.a				
TOTAL				

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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
See Note, Table 14.1.a				
TOTAL				

14. All Other Workloads (Above Core), continued

Table 14.1.g: **All Other Workload (Above Core)** 14

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
See Note, Table 14.1.a				
TOTAL				

14. All Other Workloads (Above Core), continued

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

21

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
See Note, Table 14.1.a				
TOTAL				

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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
See Note, Table 14.1.a				
TOTAL				

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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
7	2950	2950	2950	2950
Radar	2950	2950	2950	2950
11	4753785	4747761	4743745	4729689
Ships	4653480	4647583	4643652	4629893
Weapons Sys	100305	100178	100093	99796
14	1170800	1048312	1046304	1046304
TOTAL	5927535	5799023	5792999	5778943

NOTE: Table 14.1.h: **Total Above Core Workload**

Provided by NAVSEA Headquarters

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
7	2950	2950	2950	2950
Radar	2950	2950	2950	2950
11	4753785	4747761	4743745	4729689
Ships	4653480	4647583	4643652	4629893
Weapons Sys	100305	100178	100093	99796
14	1170800	1048312	1046304	1046304
TOTAL	5927535	5799023	5792999	5778943

NOTE: Table 14.1.h: **Total Above Core Workload**
Provided by NAVSEA Headquarters

14. Other Workloads (Above Core), continued

Table 14.1.h: **Total Above Core Workload**

(Sum of Tables 14.1.a through 14.1.g)

21

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
7.1 Radar	2943	2943	2943	2943
11.1 Ships	4696237	4690340	4686409	4672650
11.2 Weapons Systems	101227	101100	101015	100718
11.3 Ship/S.board Sup.	341063	343071	341063	341063
11.4 Shipyard Support	294296	165784	165784	165784
11.5 Design Services	491769	495785	495785	495785
TOTAL	5927535	5799023	5792999	5778943

NOTE: Table 14.1.h: **Total Above Core Workload**
Provided by NAVSEA Headquarters

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.

4

Table 15.1: **Unique and/or Peculiar Total Core Workload**

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
See Note, Table 14.1.a				
TOTAL				

4

Workload and Capabilities, continued Primary UIC: 00181

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.

14

Table 15.1: **Unique and/or Peculiar Total Core Workload**

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
See Note, Table 14.1.a				
TOTAL				

Workload and Capabilities, continued Primary UIC: 00181

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**

21

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
7.1 Radar	5089	5089	5089	5089
11.1 Ships	8103954	8103954	8103954	8103954
11.2 Weapons Systems	174679	174679	174679	174679
11.3 Ship/S.board Sup.	590649	590649	590649	590649
11.4 Shipyard Support	342239	342239	342239	342239
11.5 Design Services	855599	855599	855599	855599
TOTAL	10072209	10072209	10072209	10072209

NOTE: All designated CORE ship work is unique to NSYs.

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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
7.1 Radar	7340	7340	7340	7340
11.1 Ships	6293532	6293532	6293532	6293532
11.2 Weapons Systems	135656	135656	135656	135656
11.3 Ship/S.board Sup.	851873	851873	851873	851873
11.4 Shipyard Support	493600	493600	493600	493600
11.5 Design Services	1234000	1234000	1234000	1234000
TOTAL	9016001	9016001	9016001	9016001

NOTE: All designated CORE ship work is unique to NSYs.

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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
See Note, Table 14.1.a				
TOTAL				

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**

14

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
See Note, Table 14.1.a				
TOTAL				

Workload and Capabilities, continued Primary UIC: 00181

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**

21

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
7.1 Radar	2943	2943	2943	2943
11.1 Ships	4696237	4690340	4686409	4672650
11.2 Weapons Systems	101227	101100	101015	100718
11.3 Ship/S.board Sup.	341063	343071	341063	341063
11.4 Shipyard Support	294296	165784	165784	165784
11.5 Design Services	491769	495785	495785	495785
TOTAL	5927535	5799023	5792999	5778943

NOTE: All non-core ship work is unique to NSYs

Provided by NAVSEA Headquarters

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
Branch Medical Clinic	Provides general outpatient health care to authorized personnel. Monitors employees health.
Branch Dental Clinic	Provides dental treatment to military personnel to NSYD, dependent commands, and units of the operating forces without dental facilities, and to eligible retirees in the Portsmouth area.
Morale, Welfare, and Recreation	A variety of services are available to ensure quality of life is maintained for ships undergoing overhaul, as well as resident shipyard and tenant military personnel. Services include: Recreation Center, swimming pools, Exchange, Clubs, Child Care Center, as well as a hobby shop and chapel.
Bachelor Officer/Enlisted Quarters	Provides on-base housing to shipboard, shipyard, tenant, and TDY personnel near ships and offices.

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
Branch Medical Clinic	Beneficial by providing ready access in the case of industrial accidents to ships force or shipyard personnel. In addition, saves travel time by allowing personnel to be monitored on site vice traveling to other medical facilities..
Branch Dental Clinic	Allows active duty military to avoid excess travel to receive routine and emergency dental care.
Morale, Welfare, and Recreation Services	Provides safe, secure, inexpensive activities for the ships forces who now do not have to leave the base to find recreation and shopping outlets after their work day.
Bachelor Officer/Enlisted Quarters	Provides safe, regulated environment for ships forces as well as unaccompanied military personnel at the shipyard and tenants.

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 Being Certified: DATA CALL NUMBER NINE: CAPACITY ANALYSIS FOR NAVAL SHIPYARDS AND NAVAL SHIP REPAIR FACILITIES AND SUPPLEMENT FOR JOINT CROSS SERVICE GROUP - DEPOT MAINTENANCE

ACTIVITY COMMANDER

CAPT W. R. KLEMM
NAME (Please type or print)

Signature

SHIPYARD COMMANDER
Title

9/7/94
Date

NORFOLK NAVAL SHIPYARD
Activity

UIC N00181

Data Being Certified: BRAC 95 Data Call Number 9, Norfolk Naval Shipyard

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

NEXT ECHELON LEVEL (if applicable)

Edward L. Shelton

NAME (Please type or print) Signature

Deputy Commander for Naval Shipyard and SUPSHIP Management and Field Activity Support Directorate (Acting)

Title Date 9/8/94

Naval Sea Systems Command

Activity

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

MAJOR CLAIMANT LEVEL

NAME (Please type or print) Signature

G. R. STERNER
Commander
Naval Sea Systems Command

Title Date 9/8/94

Activity

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

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

W. A. EARNER

NAME (Please type or print) Signature

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

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

Data Being Certified: DATA CALL NUMBER NINE: CAPACITY ANALYSIS FOR NAVAL SHIPYARDS AND NAVAL SHIP REPAIR FACILITIES AND SUPPLEMENT FOR JOINT CROSS SERVICE GROUP - DEPOT MAINTENANCE: REVISION ONE TO SUBSTITUTE TABLES 1.1.a, 1.2.a, 1.3.a, 3.1.a AND 3.1.b OF SEPTEMBER 10, 1994 FOR TABLES 1.1.a, 1.2.a, 1.3.a, 3.1.a, 3.1.b OF SEPTEMBER 7, 1994 ~~IN ORDER TO RECORD CALCULATIONS FOR 1992, BASELINE YEAR~~

J Bowden 9/10/94

ACTIVITY COMMANDER

CAPT W.R. KLEMM
NAME (Please type or print)

W R Klemm
Signature

SHIPYARD COMMANDER
Title

9/10/94
Date

UIC N00181

Data Being Certified: BRAC 95 Data Call Number 9. Norfolk Naval Shipyard, Revisions

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

NEXT ECHELON LEVEL (if applicable)

William H. Ryzewic — W. H. Ryzewic

NAME (Please type or print) — Signature

Executive Director for Naval Shipyard and SUPSHIP Management and Field Activity Support Directorate — 9/12/94

Title — Date

Naval Sea Systems Command

Activity

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

MAJOR CLAIMANT LEVEL

G. R. STEARNER — S. R. Stearner

NAME (Please type or print) — Signature

Commander
Naval Sea Systems Command — 9/12/94

Title — Date

Activity

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

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

J. B. GREENE, JR. — JB Greene Jr

NAME (Please type or print) — Signature

SEP 1994

Data Being Certified: BRAC 95 Data Call Number 9, Supplemenal, Joint Cross Service Group - Depot Maintenance Tables 12-15, Norfolk Naval Shipyard.

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

MAJOR CLAIMANT LEVEL

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

Signature G. R. Sterner

Title Commander Naval Sea Systems Command

Date 9/12/94

Activity

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

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

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

Signature JB Greene Jr

Title ACTING

Date 14 SEP 1994

4

UIC N00181

Data Being Certified: BRAC 95 Data Call Number 9, Supplemenal, Joint Cross Service Group - Depot Maintenance Tables 12-15, Norfolk Naval Shipyard.

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

MAJOR CLAIMANT LEVEL

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

Signature

Title

Date 9/29/94

Activity

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

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

W. A. EARNER

NAME (Please type or print)

Signature

Title

Date 30 SEP 1994

4

UIC N00181

Data Being Certified: BRAC 95 Data Call Number 9, Supplemental, Joint Cross Service Group - Depot Maintenance Tables 1.1a and 1.2a, Norfolk Naval Shipyard.

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

MAJOR CLAIMANT LEVEL

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

Signature

Title Commander Naval Sea Systems Command

Date 9/29/94

Activity

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

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

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

Signature

Title

Date 30 SEP 1994

9 115

UIC N00181

Data Being Certified: BRAC 95 Data Call Number 9, Supplemenal, Joint Cross Service Group - Depot Maintenance Table 1.2a, Norfolk Naval Shipyard, Revision.

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

G. R. STERNER Date 10-4-94

Commander
Title
Naval Sea Systems Command

Activity

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

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

NAME (Please type or print) Signature W Rainer

Title Date 10/5/94

9 115

UIC N00181

Data Being Certified: BRAC 95 Data Call Number 9, Norfolk Naval Shipyard, Revision

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

NEXT ECHELON LEVEL (if applicable)

William H. Ryzewic

NAME (Please type or print)

W. H. Ryzewic

Signature

Executive Director for Naval Shipyard and SUPSHIP Management and Field Activity Support Directorate

Title

9/21/94

Date

Naval Sea Systems Command

Activity

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

MAJOR CLAIMANT LEVEL

NAME (Please type or print)

G. R. STERNER

Commander

Naval Sea Systems Command

Signature

Title

9/21/94

Date

Activity

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

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

NAME (Please type or print)

Signature

9

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

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

Data Being Certified: BRAC 95 DATA CALL NINE : CAPACITY ANALYSIS FOR NAVAL SHIPYARDS AND SHIP REPAIR FACILITIES AND SUPPLEMENT FOR JOINT CROSS SERVICE GROUP-DEPOT MAINTENANCE REVISION TWO TO DATA CALL NINE, TABLE 33.1 AND JOINT CROSS SERVICE GROUP, TABLE 3.1.A AND 3.1.B DATED 19 SEPTEMBER 1994

ACTIVITY COMMANDER

CAPT W.R. KLEMM
NAME (Please type or print)

W R Klemm
Signature

SHIPYARD COMMANDER
Title

9/19/94
Date

NORFOLK NAVAL SHIPYARD

UIC N00181

Data Being Certified: BRAC 95 Data Call Number 9, Supplemental Joint Cross Service Group - Depot Maintenance, Revised Table 1.3.a, Table 3.1.a, and Table 3.1.b, Norfolk Naval Shipyard

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

MAJOR CLAIMANT LEVEL

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

Signature

Title Commander Naval Sea Systems Command

Date 10/7/94

Activity

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

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

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

Signature

Title

Date 10/7/94

UIC N00181

Data Being Certified: BRAC 95 Data Call Number 9, Supplemental Joint Cross Service Group - Depot Maintenance, Revised Table 1.3.a, Table 3.1.a, and Table 3.1.b, Norfolk Naval Shipyard

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

MAJOR CLAIMANT LEVEL

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

Signature

Title Commander ~~Naval Sea Systems Command~~

Date 10/7/94

Activity

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

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

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

Signature

Title

Date 10/7/94

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

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

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

Data Being Certified: DATA CALL NUMBER 9: CAPACITY ANALYSIS; SUPPLEMENT FOR JOINT CROSS SERVICE GROUP - DEPOT MAINTENANCE; REVISION FIVE, TABLE 1.3.a., TABLE 3.1.a. AND TABLE 3.1.b., DATED 6 OCTOBER 1994

ACTIVITY COMMANDER

CAPT W.R. KLEMM
NAME (Please type or print)

W R Klemm
Signature

SHIPYARD COMMANDER
Title

10/6/94
Date

NORFOLK NAVAL SHIPYARD

UIC N00181

Data Being Certified: BRAC 95 Data Call Number 9, Supplemental Joint Cross Service Group - Depot Maintenance, Revised Table 1.1.a, Table 1.2.a, and Tables 12-15 provided by NAVSEA, Norfolk Naval Shipyard

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

MAJOR CLAIMANT LEVEL

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

Signature

10/7/94
Date

Activity

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

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

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

Signature

Title

10/7/94
Date

UIC N00181

Data Being Certified: BRAC 95 Data Call Number 9, Supplemental Joint Cross Service Group - Depot Maintenance, Revised Tables 12-15 provided by NAVSEA, Norfolk Naval Shipyard.

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

MAJOR CLAIMANT LEVEL

E. S. MCGINLEY, II
NAME (Please type or print)

Signature

Acting Commander
Title

10/19/94
Date

Naval Sea Systems Command
Activity

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

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

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

Signature

Title

10/19/94
Date

Document Separator

Portsmouth Naval Shipyard
Activity N00102

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.

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

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

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

11. Sea Systems
    Ships
    Weapons Systems

12. Software
    Tactical Systems
    Support Equipment

13. Special Interest Items
    Bearings Refurbishment
    Calibration (Type I)
    TMDE

14. Other

Portsmouth Naval Shipyard
Activity N00102

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
11. Sea Systems (Ships)	8,146,456	8,042,040	7,871,360	7,993,848	7,995,856
TOTAL	8,146,456	8,042,040	7,871,360	7,993,848	7,995,856

Portsmouth NSYD

6

Portsmouth Naval Shipyard
Activity N000102

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**

16

COMMODITY GROUP	INDEX (DLHs)					
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	
7 Navigational Aids	79032	79032	79032	79032	79032	R
7 Electro-Optics /Night Vision	35692	35692	35692	35692	35692	R
11 Ships	6122497	6122497	6122497	6122497	6122497	R
14 other	144206	144206	144206	144206	144206	R
TOTAL	6381427	6381427	6381427	6381427	6381427	R

Table 1.1.a data provided by NAVSEA Headquarters. R

DTA 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
7.5 Navigational Aids	79032	79032	79032	79032	79032
7.6 Electro-Optics /Night Vision	35692	35692	35692	35692	35692
11.1 Ships	6122497	6122497	6122497	6122497	6122497
11.3 Ship/Shipboard Support	38055	38055	38055	38055	38055
11.4 Shipyard Support	76960	76960	76960	76960	76960
11.5 Design Services	29191	29191	29191	29191	29191
TOTAL	6381427	6381427	6381427	6381427	6381427

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*

6

COMMODITY GROUP	INDEX (%)				
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999
11. Sea Systems (Ships)	56.9	47.4	40.8	40.6	41.0
TOTAL	56.9	47.4	40.8	40.6	41.0

R

* Portsmouth Note: Utilization index calculated based on comparison of capacity index to fiscal year workload expressed in percentage.

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	
11 SHIPS	53	68	28	66	28	R
7. Navigational Aids	74.7	81.2	90.1	93.1	94.9	R
7 Electro-Optics /Night Vision	103	103	103	103	103	R
14 Other	94	90	85	82	81	R

Table 1.2.a data provided by NAVSEA Headquarters. R

Portsmouth Naval Shipyard
Activity N000102

1. Capacity Utilization, continued

1.2 Calculate the utilization index for the commodity groups applicable to depot maintenance work at your activity. Provie 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**

16

COMMODITY GROUP	INDEX (%)				
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999
11 SHIPS	53	68	28	66	28
7. Navigational Aids	74.7	81.2	90.1	93.1	94.9
7 Electro-Optics /Night Vision	103	103	103	103	103
14 Other	94	90	85	82	81
11 SHIPS (Drydock) (Total)	53	68	28	66	28
7, 14 Total	90	89	89	88	88

R

R

1. Capacity Utilization, continued

1.2 Calculate the utilization index for the commodity groups applicable to depot maintenance work at your activity. Provie 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
7. 5 Navigational Aids	75	81	90	93	95
7.6 Electro-Optics /Night Vision	103	103	103	103	103
11.1 Ships	53	68	28	66	28
11.3 Ship/Shipboard Support	61	43	24	18	16
11.4 Shipyard Support	118	118	118	118	118
11.5 Design Services	75	76	76	69	69
Total (ship)(drydock)	53	68	28	66	28
Total (all others)	90	89	89	88	88

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
11. Sea Systems (Ships)	8,146,456	8,042,040	7,871,360	7,993,848	7,995,856
TOTAL	8,146,456	8,042,040	7,871,360	7,993,848	7,995,856

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Portsmouth Naval Shipyard
Activity N00102

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

16

COMMODITY GROUP	INDEX (DLHs)					
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	
11. Ships	7,855,688	7,741,152	7,527,832	7,649,040	7,650,816	R
7. Navigational Aids	88,000	96,000	104,000	104,000	104,000	R
7. Optics/Night Vision	40,000	40,000	48,000	48,000	48,000	R
14. Design	36,640	36,640	36,640	36,640	36,640	R
14. MSSD	40,000	40,000	40,000	40,000	40,000	R
14. Family Housing	11,600	11,600	11,600	11,600	11,600	R
14. Miscellaneous	74,528	76,648	103,288	104,568	104,800	R
TOTAL	8,146,456	8,042,040	7,871,360	7,993,848	7,995,856	R

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	
7.0 Ground & Shipboard Communication and Elect. Equip.						R
7.5 Navigational Aids	88,000	96,000	104,000	104,000	104,000	R
7.6 Optics/Night Vision	40,000	40,000	48,000	48,000	48,000	R
11.0 Sea Systems						R
11.1 Ships	7,855,688	7,741,152	7,527,832	7,649,040	7,650,816	R
11.3 Ship/ Shipboard support	29,528	31,648	58,288	59,568	59,800	R
11.4 Shipyard Support	96,600	96,600	96,600	96,600	96,600	R
11.5 Design Svcs	36,640	36,640	36,640	36,640	36,640	R
TOTAL	8,146,456	8,042,040	7,871,360	7,993,848	7,995,856	

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	817,833	842,368	867,639	893,668	920,478
Equipments	294,626	308,849	321,208	333,937	337,048
TOTAL	1,112,459	1,151,217	1,188,847	1,227,605	1,257,526

Facilities Note: FY94 PRV provided by NAVSEA was increased by $9,171K to adjust for replacement value of 165 Ton Stiff Leg Derrick. NAVFAC data incorrectly shows value of $848K.

Equipments Note: Equipment PRV was calculated by multiplying the sum of Class 3 and Class 4 plant property CPV by 1.403.

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
Ships	360,770	301,700	259,402	267,739	276,132
TOTAL	360,770	301,700	259,402	267,739	276,132

R

Table 3.1.b: Programmed Workload

COMMODITY GROUP	DLHs				
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999
Ships	4,642,496	3,813,192	3,212,800	3,244,928	3,279,064

R

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	
11. Ships	342,752	283,444	240,803	248,859	256,843	R
7. Navig Aids	4,585	5,080	5,749	6,073	6,316	R
7. Opts/Night Vis	2,860	2,912	2,971	3,036	3,099	R
14. Design	1,710	1,747	1,783	1,671	1,691	R
14. MSSD	2,798	2,860	2,918	2,983	3,044	R
14. Family Hsng	776	793	811	828	845	R
14. Miscellaneous	5,289	4,864	4,367	4,289	4,294	R
TOTAL	360,770	301,700	259,402	267,739	276,132	R

Table 3.1.b: Programmed Workload

COMMODITY GROUP	DLHs					
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	
11. Ship	4,410,640	3,582,456	2,982,448	3,016,112	3,050,024	R
7. Navig Aids	59,000	64,200	71,200	73,600	75,000	R
7. Opts/Night Vis	36,800	36,800	36,800	36,800	36,800	R
14. Design	22,000	22,080	22,080	20,256	20,080	R
14. MSSD	36,000	36,144	36,144	36,144	36,144	R

Portsmouth Naval Shipyard
Activity N00102

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	
7.0 Ground & Shipboard Communication and Elect. Equip.						R
7.5 Navigational Aids	4,585	5,080	5,749	6,073	6,316	R
7.6 Optics/Night Vision	2,860	2,912	2,971	3,036	3,099	R
11.0 Sea Systems						R
11.1 Ships	342,752	283,444	240,803	248,859	256,843	R
11.3 Ship/ Shipboard support	1,791	1,303	734	576	504	R
11.4 Shipyard Support	7,072	7,214	7,362	7,524	7,679	R
11.5 Design Svcs	1,710	1,747	1,783	1,671	1,691	R
TOTAL	360,770	301,700	259,402	267,739	276,132	

*Portsmouth Note: Commodity Group breakdown is derived based on corporate knowledge estimates, since financial accounting is not consistent with this commodity breakdown

Portsmouth Naval Shipyard
Activity N00102

Table 3.1.b: Programmed Work load*

COMMODITY GROUP	DLHs					
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	
7.0 Ground & Shipboard Communication and Elect. Equip.						R
7.5 Navigational Aids	59,000	64,200	71,200	73,600	75,000	R
7.6 Optics/Night Vision	36,800	36,800	36,800	36,800	36,800	R
11.0 Sea Systems						R
11.1 Ships	4,410,640	3,582,456	2,982,448	3,016,112	3,050,024	R
11.3 Ship/ Shipboard support	23,056	16,472	9,088	6,976	5,976	R
11.4 Shipyard Support	91,000	91,184	91,184	91,184	91,184	R
11.5 Design Svcs	22,000	22,080	22,080	20,256	20,080	R
TOTAL	4,642,496	3,813,192	3,212,800	3,244,928	3,279,064	

*Portsmouth Note: Commodity Group breakdown is derived based on corporate knowledge estimates, since financial accounting is not consistent with this commodity breakdown.

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.

At the commodity group specified (ships), there are no Service Centers of Excellence. However, for the ships commodity group, Portsmouth is the designated overhaul point for the following commodity sub-groups.

Commodity Group 11

- Submarine hydrophones and transducers
- Ship/Submarine towed line arrays
- Submarine antennas, towed communication buoys and control units
- Submarine propulsion shafts
- Submarine ship's service motor generators
- Submarine circuit breakers
- East coast stockpoint for Navy's standard bar stock, fittings, piping, etc. in support of all nuclear-powered ships.

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.

Activity	Location	Description of Strategic Importance/Military Value
Portsmouth Naval Shipyard	Kittery, Maine	The shipyard is the only Navy-owned ship repair facility in the Northeast and is a close port of call for emergencies in the North Atlantic. The shipyard offers the opportunity for fleet geographic dispersion. The island location results in improved security and only two accesses to control. The shipyard is located on the Piscataqua River with only a short channel to the open ocean. Access to the ocean is unrestricted by bridges. Dredging of the river and harbor is not required and there is minimal shipping traffic.

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

Portsmouth Naval Shipyard is in 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

No projects have been restricted or delayed because of environmental considerations.

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.

None.

3.2 Within what provisions must the activity operate with regard to disposal of hazardous wastes and radioactive materials?

Type	Provisions	Describe
Radioactive material	Title 49 CFR parts 100-177	Federal law governing requirements to be observed in preparing hazardous materials (including radioactive materials) for shipment by air, highway, rail or water.
	South Carolina Department of Health and Environmental Control Radio-Active Material License 097 issued to Chem-Nuclear Systems, Inc, Barnwell Low-Level Radio-Active Waste Management Facility	Requirements imposed on the waste management facility based on an interpretation of the Federal Atomic Energy Act by the U.S. Nuclear Regulatory Commission (NRC).

	Barnwell South Carolina Waste Management Facility Site Disposal criteria	This document outlines the responsibilities of the customer and Chem-Nuclear Systems Inc., and describes what constitutes an acceptable shipment for disposal at the Barnwell Site and ensures the Waste Management License requirements are met.
	NAVSEA Technical Manual 389-0288 Radiological Controls for Shipyards	Presents procedures applicable to radiological safety considerations for controlling radioactive material associated with Naval Nuclear Propulsion Program.
Haz Waste	Permit # 0-5-HG-E-R	State of Maine Hazardous Waste Storage Facility Part B Permit
Haz Waste	40 CFR 260-268	EPA Hazardous Waste Management Regulations
Haz Waste	06-096 CMR 850-858 Code of Maine regs	State of Maine Hazardous Waste Management Rules

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.

Collocated Activity	Benefit/Relationship	Describe Impact
Naval Medical Clinic	Provide medical services	Timely Support
Dental Clinic	Provide dental services	Timely Support
SUBLANT Rep	On-site customer interface	Timely Customer Feedback
Personnel Support Activity Detachment	Provide travel services	Timely Support
Northern Division Contracts Office	Provide on-site facilities contract support	Timely Support
Naval Reactors Rep	On-site reactor service support	Timely Support
Navy Environmental Health Center	Medical support on environmental matters	Timely Support
Naval Investigative Service	On-site investigative support	Independent Investigations
Naval Tele-communications Ctr	Telephone communications support for the shipyard	Timely Support

Joint Personal Property Shipping Office	On-site military personnel goods shipping services	Quality of Life Service
Defense Finance and Accounting Service	On-site financial accounting	Standardized Service

4.2 Do collocated activities support, or are they supported by, the depot maintenance activity?

Collocated Activity	Describe Relationship
Naval Medical Dental Clinic	Tenant supporting shipyard operations
SUBLANT Rep	Tenant supporting shipyard operations
Personnel Support Activity Detachment	Tenant supporting shipyard operations
Northern Division Contracts Office	Tenant supporting shipyard operations
Naval Reactors Rep	Tenant supporting shipyard operations
Navy Environmental Health Center	Tenant supporting shipyard operations
Naval Investigative Service	Tenant supporting shipyard operations
Naval Tele-communications Ctr	Tenant supporting shipyard operations
Naval Audit Svc	Tenant supporting shipyard operations
Defense Printing	Tenant supporting shipyard operations

Defense Finance and Accounting Service	Tenant supporting shipyard operations

4.3 How would these activities and the depot maintenance activity function if they were not collocated?

Not applicable.

Collocated Activity	Describe Impact if not Collocated

Geographic, continued

5. Encroachment

5.1 Have operations at this activity been at all constrained to accommodate requests of the local communities?

No shipyard operations have been constrained to accommodate requests of the local communities.

Type of Encroachment	Operation Impacted	Describe

5.2 Indicate any encroachment constraints on current or future operations that would restrict future expansion.

There are no known encroachment constraints on operations that would restrict future expansion.

Type of Encroachment	Constraint on Expansion	Describe

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
Sound Pier	Only submarine sound pier (acoustics testing) located within a naval shipyard.
Transducers and Hydrophones Refurbishment/Servicing/Test Facility	Portsmouth's Transducer Repair Facility (TRF) is the only east coast facility certified for the repair of numerous submarine and surface craft transducers and hydrophones for the Navy. The product line consists of over 100 different hydrophones and transducers. They range from spherical and hull mounted arrays to special purpose, multi-function transducers and hydrophones. The products are part of sonar systems on all classes of Navy ships ranging from aircraft carriers and cruisers to Los Angeles and TRIDENT class submarines. In addition to regularly scheduled work, emergency repairs to support the fleet are often accomplished. The TRF has its own specialized electronic work areas, a sandblast and paint area, hydrostatic pressure test vessels, and a machinists room. A state-of-the-art test facility with an instrumented acoustic (750,000 gallon capacity) test tank provides highly accurate and repeatable transducer acceptance testing.

Towed Line Arrays and Handling Systems Refurbishment/Servicing Test Facility	Portsmouth's Towed Line Array (TLA) Facility is the only state-of-the-art facility performing refurbishment/servicing and testing of towed line arrays on the east coast. Dedicated facilities include specially designed and equipped long bench electronic work areas, unique hydrostatic pressure test vessels capable of handling the long arrays, a modular pressure booting tension test fixture and a TLA temperature test bath. Specialized test equipment includes an acoustic performance monitor and an AN/GQM-4 towed line array electronic test set.
Antennas and Communication Buoys Refurbishment/Servicing/Test	Portsmouth's Antenna Restoration Facility (ARF) is a unique, stand-alone facility certified for depot-level repair of submarine antennas for the Navy. The ARF provides restored and upgraded antennas, towed buoys and control units for critical submarine communication systems. ARF has the capability to manufacture submarine antennas and mast fairings, including internal components and antenna cables. The facility has its own ESD controlled work areas, a controlled access transmitter room, hydrostatic pressure vessels, hydraulic antenna test stand and its own machinists' room. Portsmouth submarine mast, fairing, radome and buoy repair facility provides direct support to ARF. Portsmouth's Antenna Restoration Facility is the only Navy activity certified for total submarine antenna restoration.
Dynamic Pressure Testing Unit (DPTU)	Portsmouth's dynamic strength test unit provides the capability for in shop and in ship testing of high pressure air/gas flasks. This unit has been used on numerous submarines to avoid the expense of flask removal to perform certification testing.

Large Scale Model Fatigue Testing	Portsmouth's large scale HY-100 submarine model fatigue testing facility is the largest of its type in the Navy. It's primary function is the testing of large diameter submarine test models. With an internal diameter of 30' it can accomodate a wide range of model sizes and shapes. Last usage was to test a HY-130 model.
Electrical Test Lab First Article Testing	Portsmouth's electrical test lab performs first article testing for all new design electrical components for the Navy and it's contractors.

6.2 Indicate the reasons that these facilities are required by the depot maintenance function.

Test Facility	Reasons Required for Maintenance
Sound Pier	Depot maintenance function does not currently require this facility (now inactive).
Transducers and Hydrophones Refurbishment/ Servicing/Test Facility	Supports sonar maintenance for all classes of Navy ships ranging from aircraft carriers and cruisers to Los Angeles and Trident class submarines.
Towed Line Arrays and Handling Systems Refurbishment/Servicing/ Test Facility	Supports towed line array maintenance for all classes of Navy ships.
Antennas and Communication Buoys Refurbishment/Servicing/ Test Facility	Supports Navy's total submarine antenna restoration program.

Fatigue Testing	inactive).
Electrical Test Lab First Article Testing	Supports Navy's first article testing for all new design electrical components.

6.3 How could the depot maintenance functions be performed without these specialized facilities?

Test Facility	Describe Testing Alternatives
Sound Pier	Depot maintenance function not affected.
Transducers and Hydrophones Refurbishment/ Servicing/Test Facility	Capability and/or capacity would have to be developed at some activity either by augmenting existing facilities or by creation of new facilities.
Towed Line Arrays and Handling Systems Refurbishment/ Servicing/Test Facility	Capability and/or capacity would have to be developed at some activity either by augmenting existing facilities or by creation of new facilities.
Antennas and Communication Buoys Refurbishment/ Servicing/Test	Capability and/or capacity to include full certification developed at some activity either by augmenting existing facilities or by creation of new facilities.
Dynamic Pressure Testing Unit (DPTU)	Capability and/or capacity would have to be developed at some activity either by augmenting existing facilities or by creation of new facilities.
Large Scale Model Fatigue Testing	A significant capital expenditure would be required to replicate this facility which is one of a kind.

Facilities and Equipage, continued

7. Buildings and Their Condition

7.1 List the buildings used to perform the depot maintenance functions by category code numbers (five or six digit CCNs), identifying their current condition (adequate, substandard, and inadequate) in Table 7.1 in thousands of square feet (KSF).

Table 7.1: **Facility Conditions**

CCN	Facility Type	Condition / Area (# KSF)			Comments
		Adequate	Substandard	Inadequate	
125-20	Shltr Misc Pipe	7.1			
141-60	Photo Building	5.9			
141-87	Lox/Nitrogen Fac	.2			
143-10	Emerg Vehle Gar	2.0			
143-11	Opts Garage	7.2			
143-77	Opertnl Strg	.2			
159-64	Wtrfr Oper Bldg	6.9	3.7		A30, B30 Building is on demolition list.
171-10	Acd/Gen Ins	34.8		7.7	A30 Abandoned space in prison.
171-20	Appl Intsr	40.7			
171-25	Auditorium	8.8			
171-77	Trng Matrl Strg	4.5			
213-41	Central Tool	45.3			
213-42	Shipfitting Shop	111.7			

CCN	Facility Type	Condition / Area (# KSF)			Comments
		Adequate	Substandard	Inadequate	
213-48	Quality Assurance	115.4			
213-49	Inside Machine	177.6			
213-52	Marine Machine	69.6			
213-54	Electrical	82.5			
213-55	Pipefitter	53.8			
213-56	Woodworking	84.6	1.1		A30, B30 Building is on demolition list.
213-57	Electronics	109.5			
213-60	Abrasive Blast/Paint Facility	30.6			
213-61	Rigging Shop	31.3	15.0		C21
213-65	Nuclear Repair	81.8			
213-66	Temporary Svc	50.8	0.6		A30 Building is on demolition list.
213-10	Dry Docks	136.4			
213-70	Ship Svc Support	79.6			
213-77	Ships/Spares Storage	267.9	0.6		A30 Building is on demolition list.
213-40	Fixed Crane Structures	1 each			SLD: 165 Ton
152.20	Berth Wharf	120.8			
152-50	Repair Wharf	88.2			
214-20	Auto Veh Shop	43.6			
217-10	Elec Com Mtn Shop	7.0			

CCN	Facility Type	Condition / Area (# KSF)			Comments
		Adequate	Substandard	Inadequate	
219-30	Paint/Relat Ops	5.7			
219-77	PW Maint Strge	10.6			
229-50	Printing Plant	7.7			
411-30	Diesel Fuel Str	56.4			Thousands of barrels
421-32	Inert Storeh	0.9			
431-10	Cold St Whse	5.3			
441-10	Gen Whse/Bulk	520.8	2.8	4.5	A30, C40, E30
441-30	Haz Flam Sthse	21.6			
441-35	Gen Strg Shed	12.9			
441-73	MTIS Building	3.1			
441-71	ILO Building	13.8			
610-10	Admin Office	450.4	110.2	1.3	A30, A21, C29 Abandoned space in prison. Other building is on demolition list.
610-20	Data Proc Ctr	17.3			
610-30	Class Incin/Bld	4.3			
610-77	Admin Strg Rdy	24.4			
730-10	Fire Station	10.3			
730-20	Police Station	9.4			
730-25	Gate/Sent House	4.4			
730-36	Lunch/Locker Room	0.5			
730-75	Public Toilet	5.6			

CCN	Facility Type	Condition / Area (# KSF)			Comments
		Adequate	Substandard	Inadequate	
821-09	Heat Plant Bldg	60.0			
821-61	Resid Heat Oil	11,712.0			Thousands of gallons
831-14	Ind Wst Trt Bld	15.5			
831-41	Hazd Waste Stor	1.8			
842-09	Wtr Dist Bldg	1.9			
845-10	Pipe Ln Bldg	1.2			
890-09	Mis Utl Plt	0.2			
	Total	3,326.3	134.0	13.5	

Total is for all facilities with KSF unit of measure.

Deficiency Code Definitions:

A30 Physical Condition, Building (Total)
A21 Physical Condition, Floor Decking
B30 Functional Criteria, Building (Total)
C21 Design Criteria, Floor Decking
C29 Design Criteria, Waterproofing
C40 Design Criteria, OSHA Deficiency

7.2 In Table 7.2.a, identify space available for expansion by building type for those facility category code numbers (five or six digit CCNs) that are most important to your mission. An activity's expansion capability is a function of its ability to reconfigure/rehabilitate existing underutilized facilities to accept new or increased requirements.

Table 7.2.a: **Space Available for Expansion**

Shipfitter Shop	213-42	29.0			29.0
Sheetmetal Shop	213-43	12.9			12.9
Forge Shop	213-44	2.6			2.6
Welding Shop	213-45	2.8			2.8
Quality Assurance	213-48	11.7			11.7
Inside Machine Shop	213-49	27.9			27.9
Marine Machine Shop	213-52	50.6			50.6
Electric Shop	213-54	23.7			23.7
Pipefitter Shop	213-55	12.3			12.3
Woodworking Shop	213-56	60.3	1.1		61.4
Electronics Shop	213-57	78.4			78.4
Rigging Shop	213-61	13.0	15.0		28.0
Nuclear Repair Shop	213-65	1.5			1.5
Temp Services Shop	213-66	45.8			45.8
Waterfront Support	213-70	2.4			2.4
Ship/Shop Stores	213-77	20.6			20.6
Dry Docks	213-10	41.4			41.4
Admin/Engrg Office	610-10	10.8	110.2	1.3	122.3
	TOTAL:	446.5	127.5	1.3	575.3

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
Transducers and Hydrophones Refurbishment/Servicing/Test Facility	Portsmouth's Transducer Repair Facility (TRF) is the only east coast facility certified for the repair of numerous submarine and surface craft transducers and hydrophones for the Navy. The product line consists of over 100 different hydrophones and transducers. They range from spherical and hull mounted arrays to special purpose, multi-function transducers and hydrophones. The products are part of sonar systems on all classes of Navy ships ranging from aircraft carriers and cruisers to Los Angeles and TRIDENT class submarines. In addition to regularly scheduled work, emergency repairs to support the fleet are often accomplished. The TRF has its own specialized electronic work areas, a sandblast and paint area, hydrostatic pressure test vessels, and a machinists room. A state-of-the-art test facility with an instrumented acoustic (750,000 gallon capacity) test tank provides highly accurate and repeatable transducer acceptance testing.

Towed Line Arrays and Handling Systems Refurbishment/Servicing Test Facility	Portsmouth's Towed Line Array (TLA) Facility is the only state-of-the-art facility performing refurbishment/servicing and testing of towed line arrays on the east coast. Dedicated facilities include specially designed and equipped long bench electronic work areas, unique hydrostatic pressure test vessels capable of handling the long arrays, a modular pressure booting tension test fixture and a TLA temperature test bath. Specialized test equipment includes an acoustic performance monitor and an AN/GQM-4 towed line array electronic test set.
Antennas and Communication Buoys Refurbishment/Servicing/Test	Portsmouth's Antenna Restoration Facility (ARF) is a unique, stand-alone facility certified for depot-level repair of submarine antennas for the Navy. The ARF provides restored and upgraded antennas, towed buoys and control units for critical submarine communication systems. ARF has the capability to manufacture submarine antennas and mast fairings, including internal components and antenna cables. The facility has its own ESD controlled work areas, a controlled access transmitter room, hydrostatic pressure vessels, hydraulic antenna test stand and its own machinists' room. Portsmouth submarine mast, fairing, radome and buoy repair facility provides direct support to ARF. Portsmouth's Antenna Restoration Facility is the only Navy activity certified for total submarine antenna restoration.
Large Scale Model Fatigue Testing	Portsmouth's large scale HY-100 submarine model fatigue testing facility is the largest of its type in the Navy. It's primary function is the testing of large diameter submarine test models. With an internal diameter of 30' it can accomodate a wide range of model sizes and shapes. Last usage was to test a

Submarine Quality (i.e., Level I and Target) Fastener Manufacture/ Inspection/Test Cell	Portsmouth's Fastener Manufacturing Cell (FMC) is a fully integrated manufacturing facility consisting of a control computer, a turning, drilling, milling, threading and deburring center with automatic bar feet capability, a computer-aided manufacturing (CAM) system, and an automated engraving system for traceability. The FMC is capable of producing all types and sizes of high quality fasteners. It is presently set up to manufacture Level I studs, hex-head bolts, and cap screws using material ranging in size from 1/4" to 1 5/8" diameter as well as other parts of similar geometry in a wide range of materials including K-monel, nickel-copper, and alloy steels. Portsmouth's Fastener Manufacturing Cell is set up for "just in time" production of high quality fasteners. This supports DOD in the rapid acquisition of high quality fasteners at a reasonable cost (vendors require large quantity purchase to amortize set up costs).
Rapid Deployment Diver Support	Portsmouth has state-of-the-art dive capability including a flyaway dive system, a self sustained dive boat and a hyperbaric chamber.
Los Angeles Class Submarine Engineered Refueling Overhaul Facility	Drydock #2 and adjacent portable field shop areas were totally modernized by MILCON in 1991. Modernization included the addition of a six-story drydock head end building to house project teams, shops, shop work areas, drawing files, drydock utilities, etc. The MILCON also upgraded the drydock by adding a removable submarine cover, built in services, tunnels, enclosed passageway accesses, pump well control system, etc. This provided project team and production shop

complex were set up at the drydock. This facility is the most modern nuclear submarine overhaul complex in the Navy today.

Battery Replacement/Servicing Facility

Portsmouth Battery Servicing Facility is the only fully certified submarine battery servicing facility on the east coast. Portsmouth has a large modern turn-key battery servicing facility with the capability for all battery servicing functions including: Replacement of lead-acid and silver-zinc batteries, initial wet-down, charge and test, routine maintenance, and pre-fab and installation of battery bus work. Portsmouth battery facility is the largest among naval shipyards with the capacity to wet down and charge six shipsets of batteries with a twelve shipset total storage capacity.

Navy Stock System Level I/ SUBSAFE Certifier

Portsmouth certifies Level I/SUBSAFE (LI/SS) material for the Navy Ships Parts Control Center (NSPCC). LI/SS is critical material for submarines and surface ships where failure would result in a high probability of loss of life and/or the ship.

These programs are designed to assure correct material is installed in ships. One of the means of doing this is requiring receipt inspection of LI/SS material and maintenance of traceable records documenting acceptability. Naval repair activities are required to verify that traceable records exist prior to installing LI/SS material. They do this by calling the certifier to verify the unique traceability number etched on the material.

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
Nuclear Submarine New Construction Covered Building Ways	Portsmouth has the basic facilities/equipment necessary to construct nuclear submarines and is the only public shipyard that has a (178,000 square feet) covered building ways, with heavy lift capability, hull and frame shaping rolls, etc. These facilities/equipment were used for submarine new construction. Currently, these covered building ways provide a unique capability for other maintenance work that is best done in a large covered environment.
Submarine Quality Fastener Manufacturing Cell	See Section 8.1
Los Angeles Class Submarine Engineered Refueling Overhaul Facility	See Section 8.1
Large Scale Submarine Model Fatigue Test Tank	See Section 8.1
Electrical Test Lab First Article Testing	Portsmouth's electrical test lab performs first article testing for all new design electrical components for the Navy and it's contractors.

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	85.5	85.5		
Operational	15.5	15.5		
Training	2.3	2.3		
R & D	1.0	1.0		
Supply & Storage	57.9	55.8		2.1
Admin	13.6	13.6		
Housing	54.0	51.1		2.9
Recreational	60.7	33.4	25.3*	2.0
Forestry Program	None			
Agricultural Outlease Program	None			
Hunting/Fishing Programs	6.9	6.9		

* Restricted by landfill and nature preserve.

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?

Current Use	Square Feet	Potential Use (Be Specific)
Vacant (Substandard requires renovation)	107,508	Planning and design functions for shipyard overhauls. Planning Yard functions for all ship types. Quality assurance and laboratory testing. Radiological engineering and monitoring. Production Department management. Customer liaison with respect to: funds administration, scope of overhaul. Workload performance measurement, and forecasting.

11. Industrial Waste

11.1 Are there any inhibiting factors that would limit future expansion on the base? Provide the details if applicable.

Inhibiting Factor	Provide Detailed Description
Existence of a landfill site containing hazardous waste.	Twenty-five acre Jamaica Island landfill is an area where development would be restricted. Jamaica Island will probably be capped, thereby restricting any penetration into the former landfill site (i.e., foundation for structure).

MEASURES OF MERIT

Primary UIC: 00102

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**

6

COMMODITY GROUP	Capability (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
11 Ships	3195656	3195656	3195656	3195656
TOTAL	3195656	3195656	3195656	3195656

NOTE: Table 12.1.a: **Service Required Core**
Provided by NAVSEA Headquarters

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MEASURES OF MERIT Primary UIC: 00102

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**

16

COMMODITY GROUP	Capability (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
7	59299	59299	59299	59299
Navigational Aids	40868	40868	40868	40868
Electro Optics	18431	18431	18431	18431
11 Ships	3062006	3062006	3062006	3062006
14 Other	74351	74351	74351	74351
TOTAL	3195656	3195656	3195656	3195656

NOTE: Table 12.1.a: **Service Required Core**
Provided by NAVSEA Headquarters

MEASURES OF MERIT Primary UIC: 00102

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**

23

COMMODITY GROUP	Capability (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
7.5 Nav Aids	40868	40868	40868	40868
7.6 Electro Optics	18431	18431	18431	18431
11.1 Ships	3062006	3062006	3062006	3062006
11.3 Ship/S.board Su	20965	20965	20965	20965
11.4 Shipyard Supp	38705	38705	38705	38705
11.5 Design Services	14681	14681	14681	14681
TOTAL	3195656	3195656	3195656	3195656

NOTE: Table 12.1.a: **Service Required Core**
Provided by NAVSEA Headquarters

MEASURES OF MERIT

Primary UIC: 00102

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
7.5 Nav Aids	66979	66979	66979	66979
7.6 Electro Optics	34716	34716	34716	34716
11.1 Ships	2978930	2978930	2978930	2978930
11.3 Ship/S.board Su	9083	9083	9083	9083
11.4 Shipyard Supp	86020	86020	86020	86020
11.5 Design Services	19928	19928	19928	19928
TOTAL	3195656	3195656	3195656	3195656

NOTE: Table 12.1.a: **Service Required Core**

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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.

6

Table 12.2.a: **Core Capability Retained for Other Services**

COMMODITY TYPE	Capability (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
NONE				
TOTAL				

NOTE: Table 12.2.a: **Core Capability Retained for Other Services**
Provided by NAVSEA Headquarters

Workload and Capabilities, continued Primary UIC: 00102

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**

16

COMMODITY TYPE	Capability (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
NONE				
TOTAL				

NOTE: Table 12.2.a: **Core Capability Retained for Other Services**
Provided by NAVSEA Headquarters

Workload and Capabilities, continued Primary UIC: 00102

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** 23

COMMODITY TYPE	Capability (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
NONE				
TOTAL				

NOTE: Table 12.2.a: **Core Capability Retained for Other Services**
Provided by NAVSEA Headquarters

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
NONE				
TOTAL				

NOTE: Table 12.2.a: **Core Capability Retained for Other Services**
Provided by NAVSEA Headquarters

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
11 Ships	3195656	3195656	3195656	3195656
TOTAL	3195656	3195656	3195656	3195656

NOTE: Table 12.3.a: **Service-Controlled Core (Title 10)**
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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)**

16

COMMODITY GROUP	Capability (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
7	59299	59299	59299	59299
Navigational Aids	40868	40868	40868	40868
Electro Optics	18431	18431	18431	18431
11 Ships	3062006	3062006	3062006	3062006
14 Other	74351	74351	74351	74351
TOTAL	3195656	3195656	3195656	3195656

NOTE: Table 12.3.a: **Service-Controlled Core (Title 10)**
Provided by NAVSEA Headquarters

Workload and Capabilities, continued Primary UIC: 00102

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)**

23

COMMODITY GROUP	Capability (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
7.5 Nav Aids	40868	40868	40868	40868
7.6 Electro Optics	18431	18431	18431	18431
11.1 Ships	3062006	3062006	3062006	3062006
11.3 Ship/S.board Su	20965	20965	20965	20965
11.4 Shipyard Supp	38705	38705	38705	38705
11.5 Design Services	14681	14681	14681	14681
TOTAL	3195656	3195656	3195656	3195656

NOTE: Table 12.3.a: **Service-Controlled Core (Title 10)**
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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
7.5 Nav Aids	66979	66979	66979	66979
7.6 Electro Optics	34716	34716	34716	34716
11.1 Ships	2978930	2978930	2978930	2978930
11.3 Ship/S.board Su	9083	9083	9083	9083
11.4 Shipyard Supp	86020	86020	86020	86020
11.5 Design Services	19928	19928	19928	19928
TOTAL	3195656	3195656	3195656	3195656

NOTE: Table 12.3.a: **Service-Controlled Core (Title 10)**

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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
7.5 Nav Aids	66979	66979	66979	66979
7.6 Electro Optics	34716	34716	34716	34716
11.1 Ships	2978930	2978930	2978930	2978930
11.3 Ship/S.board Su	9083	9083	9083	9083
11.4 Shipyard Supp	86020	86020	86020	86020
11.5 Design Services	19928	19928	19928	19928
TOTAL	3195656	3195656	3195656	3195656

NOTE: Table 13.1a **Total Core Workloads**
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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				

Note: The amount of workload in the below listed categories is negligible in the Naval Shipyards, and therefore is not listed in the following tables:

14.1.a: FMS Above Core Workload
14.1.b: Interservice Above Core Workload
14.1.c: Other Agency Above Core Workload
14.1.e: Within Service Above Core Workload
14.1.f: Low Quantity Above Core Workload
14.1.g: All Other Workload (Above Core)

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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
7.5 Nav Aids	12943	359	1033	1748
7.6 Electro Optics	6709	187	535	906
11.1 Ships	575655	15981	45930	77751
11.3 Ship/S.board Su	1755	49	140	237
11.4 Shipyard Supp	16623	461	1327	2246
11.5 Design Services	3851	107	307	520
TOTAL	617536	17144	49272	83408

NOTE: Table 14.1.d: **Last Source of Repair Workload**
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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
7.5 Nav Aids	12943	359	1033	1748
7.6 Electro Optics	6709	187	535	906
11.1 Ships	575655	15981	45930	77751
11.3 Ship/S.board Su	1755	49	140	237
11.4 Shipyard Supp	16623	461	1327	2246
11.5 Design Services	3851	107	307	520
TOTAL	617536	17144	49272	83408

NOTE: Table 14.1.h: **Total Above Core Workload**

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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
7.5 Nav Aids	12943	359	1033	1748
7.6 Electro Optics	6709	187	535	906
11.1 Ships	575655	15981	45930	77751
11.3 Ship/S.board Su	1755	49	140	237
11.4 Shipyard Supp	16623	461	1327	2246
11.5 Design Services	3851	107	307	520
TOTAL	617536	17144	49272	83408

NOTE: All non-CORE ship work is unique to NSYs

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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.

6

Table 13.1a **Total Core Workloads**

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
11 Ships	3195656	3195656	3195656	3195656
TOTAL	3195656	3195656	3195656	3195656

NOTE: Table 13.1a **Total Core Workloads**
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6

Workload and Capacities, continued Primary UIC: 00102

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**

16

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
7	59299	59299	59299	59299
Navigational Aids	40868	40868	40868	40868
Electro Optics	18431	18431	18431	18431
11 Ships	3062006	3062006	3062006	3062006
14 Other	74351	74351	74351	74351
TOTAL	3195656	3195656	3195656	3195656

NOTE: Table 13.1a **Total Core Workloads**

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Workload and Capacities, continued Primary UIC: 00102

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**

23

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
7.5 Nav Aids	40868	40868	40868	40868
7.6 Electro Optics	18431	18431	18431	18431
11.1 Ships	3062006	3062006	3062006	3062006
11.3 Ship/S.board Su	20965	20965	20965	20965
11.4 Shipyard Supp	38705	38705	38705	38705
11.5 Design Services	14681	14681	14681	14681
TOTAL	3195656	3195656	3195656	3195656

NOTE: Table 13.1a **Total Core Workloads**
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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				

Note: The amount of workload in the below listed categories is negligible in the Naval Shipyards, and therefore is not listed in the following tables:

14.1.a: FMS Above Core Workload
14.1.b: Interservice Above Core Workload
14.1.c: Other Agency Above Core Workload
14.1.f: Low Quantity Above Core Workload
14.1.g: All Other Workload (Above Core)
15.1: Unique and/Peculiar Total Core Workload
15.2: Non-Core Unique and/or Peculiar Workload

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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**

16

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

Note: The amount of workload in the below listed categories is negligible in the Naval Shipyards, and therefore is not listed in the following tables:

14.1.a: FMS Above Core Workload
14.1.b: Interservice Above Core Workload
14.1.c: Other Agency Above Core Workload
14.1.f: Low Quantity Above Core Workload
14.1.g: All Other Workload (Above Core)
15.1: Unique and/Peculiar Total Core Workload
15.2: Non-Core Unique and/or Peculiar Workload

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**

23

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

Note: The amount of workload in the below listed categories is negligible in the Naval Shipyards, and therefore is not listed in the following tables:

14.1.a: FMS Above Core Workload
14.1.b: Interservice Above Core Workload
14.1.c: Other Agency Above Core Workload
14.1.f: Low Quantity Above Core Workload
14.1.g: All Other Workload (Above Core)

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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
See Note, Table 14.1.a				
TOTAL				

Table 14.1.c: **Other Agency Above Core Workload**

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
See Note, Table 14.1.a				
TOTAL				

14. Other Workloads (Above Core), continued

Table 14.1.b: **Interservice Above Core Workload**

16

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
See Note, Table 14.1.a				
TOTAL				

Table 14.1.c: **Other Agency Above Core Workload**

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
See Note, Table 14.1.a				
TOTAL				

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
See Note, Table 14.1.a				
TOTAL				

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Table 14.1.c: **Other Agency Above Core Workload**

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
See Note, Table 14.1.a				
TOTAL				

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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
See Note, Table 14.1.a				
TOTAL				

Provided by NAVSEA Headquarters

Table 14.1.c: **Other Agency Above Core Workload**

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
See Note, Table 14.1.a				
TOTAL				

Provided by NAVSEA Headquarters

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
11 Ships	2798224	2798224	2798224	2798224
TOTAL	2798224	2798224	2798224	2798224

NOTE: Table 14.1.d: **Last Source of Repair Workload**
Provided by NAVSEA Headquarters

14. Other Workloads (Above Core), continued

Table 14.1.d: **Last Source of Repair Workload** 16

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
7	51924	51924	51924	51924
Navigational Aids	35786	35786	35786	35786
Electro Optics	16138	16138	16138	16138
11 Ships	2681196	2681196	2681196	2681196
14 Other	65104	65104	65104	65104
TOTAL	2798224	2798224	2798224	2798224

NOTE: Table 14.1.d: **Last Source of Repair Workload**
Provided by NAVSEA Headquarters

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
7.5 Nav Aids	35786	35786	35786	35786
7.6 Electro Optics	16139	16139	16139	16139
11.1 Ships	2681196	2681196	2681196	2681196
11.3 Ship/S.board Su	18358	18358	18358	18358
11.4 Shipyard Supp	33891	33891	33891	33891
11.5 Design Services	12854	12854	12854	12854
TOTAL	2798224	2798224	2798224	2798224

NOTE: Table 14.1.d: **Last Source of Repair Workload**
Provided by NAVSEA Headquarters

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
11 Ships	2048160	1877480	1999968	2001976
TOTAL	2048160	1877480	1999968	2001976

NOTE: Table 14.1.e: **Within Service Above Core Workload**
Provided by NAVSEA Headquarters

Workload and Capabilities, continued Primary UIC: 00102

14. Other Workloads (Above Core), continued

Table 14.1.e: **Within Service Above Core Workload**

16

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
7	24777	40777	40777	40777
Navigational Aids	19346	27346	27346	27346
Electro Optics	5431	13431	13431	13431
11 Ships	1997950	1784630	1905838	1907614
14 Other	25433	52073	53353	53585
TOTAL	2048160	1877480	1999968	2001976

NOTE: Table 14.1.e: **Within Service Above Core Workload**
Provided by NAVSEA Headquarters

14. Other Workloads (Above Core), continued

Table 14.1.e: **Within Service Above Core Workload**

23

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
7.5 Nav Aids	19346	27346	27346	27346
7.6 Electro Optics	5430	13430	13430	13430
11.1 Ships	1997950	1784630	1905838	1907614
11.3 Ship/S.board Su	(7675)	18965	20245	20477
11.4 Shipyard Supp	24004	24004	24004	24004
11.5 Design Services	9105	9105	9105	9105
TOTAL	2048160	1877480	1999968	2001976

NOTE: Table 14.1.e: **Within Service Above Core Workload**

NOTE: 1996 there is a 3.5 manday/day deficit due to distribution of Maximum Potential Capacity.

Provided by NAVSEA Headquarters

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
See Note, Table 14.1.a				

NOTE: Table 14.1.e: **Within Service Above Core Workload**

Provided by NAVSEA Headquarters

14. Other Workloads (Above Core), continued

6

Table 14.1.f: **Low Quantity Above Core Workload**

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
See Note, Table 14.1.a				
TOTAL				

14. Other Workloads (Above Core), continued

Table 14.1.f: **Low Quantity Above Core Workload**

16

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
See Note, Table 14.1.a				
TOTAL				

14. Other Workloads (Above Core), continued

Table 14.1.f: **Low Quantity Above Core Workload**

23

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
See Note, Table 14.1.a				
TOTAL				

Provided by NAVSEA Headquarters

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
See Note, Table 14.1.a				
TOTAL				

Provided by NAVSEA Headquarters

14. All Other Workloads (Above Core), continued

6

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

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
See Note, Table 14.1.a				
TOTAL				

6

Workload and Capabilities, continued Primary UIC: 00102

14. All Other Workloads (Above Core), continued

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

16

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
See Note, Table 14.1.a				
TOTAL				

14. All Other Workloads (Above Core), continued

23

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

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
See Note, Table 14.1.a				
TOTAL				

Provided by NAVSEA Headquarters

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
See Note, Table 14.1.a				
TOTAL				

Provided by NAVSEA Headquarters

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
11 Ships	4846384	4675704	4798192	4800200
TOTAL	4846384	4675704	4798192	4800200

NOTE: Table 14.1.h: **Total Above Core Workload**
Provided by NAVSEA Headquarters

6

14. Other Workloads (Above Core), continued

Table 14.1.h: **Total Above Core Workload**

(Sum of Tables 14.1.a through 14.1.g)

16

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
7	76701	92701	92701	92701
Navigational Aids	55132	63132	63132	63132
Electro Optics	21569	29569	29569	29569
11 Ships	4679146	4465826	4587034	4588810
14 Other	90537	117177	118457	118689
TOTAL	4846384	4675704	4798192	4800200

NOTE: Table 14.1.h: **Total Above Core Workload**

Provided by NAVSEA Headquarters

14. Other Workloads (Above Core), continued

Table 14.1.h: **Total Above Core Workload**

(Sum of Tables 14.1.a through 14.1.g)

23

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
7.5 Nav Aids	55132	63132	63132	63132
7.6 Electro Optics	21569	29569	29569	29569
11.1 Ships	4679146	4465826	4587034	4588810
11.3 Ship/S.board Su	10683	37323	38603	38835
11.4 Shipyard Supp	57895	57895	57895	57895
11.5 Design Services	21959	21959	21959	21959
TOTAL	4846384	4675704	4798192	4800200

NOTE: Table 14.1.h: **Total Above Core Workload**
Provided by NAVSEA Headquarters

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.

6

Table 15.1: **Unique and/or Peculiar Total Core Workload**

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
See Note, Table 14.1.a				
TOTAL				

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** 16

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
See Note, Table 14.1.a				
TOTAL				

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**

23

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
7.5 Nav Aids	40868	40868	40868	40868
7.6 Electro Optics	18431	18431	18431	18431
11.1 Ships	3062006	3062006	3062006	3062006
11.3 Ship/S.board Su	20965	20965	20965	20965
11.4 Shipyard Supp	38705	38705	38705	38705
11.5 Design Services	14681	14681	14681	14681
TOTAL	3195656	3195656	3195656	3195656

NOTE: All designated CORE is unique to NSYs

Provided by NAVSEA Headquarters

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
7.5 Nav Aids	66979	66979	66979	66979
7.6 Electro Optics	34716	34716	34716	34716
11.1 Ships	2978930	2978930	2978930	2978930
11.3 Ship/S.board Su	9083	9083	9083	9083
11.4 Shipyard Supp	86020	86020	86020	86020
11.5 Design Services	19928	19928	19928	19928
TOTAL	3195656	3195656	3195656	3195656

NOTE: All designated CORE ship work is unique to NSYs

Provided by NAVSEA Headquarters

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.

6

Table 15.2: **Non-Core Unique and/or Peculiar Workload**

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
See Note, Table 14.1.a				
TOTAL				

Workload and Capabilities, continued Primary UIC: 00102

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** 16

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
See Note, Table 14.1.a				
TOTAL				

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**

23

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
7.5 Nav Aids	55132	63132	63132	63132
7.6 Electro Optics	21569	29569	29569	29569
11.1 Ships	4679146	4465826	4587034	4588810
11.3 Ship/S.board Su	10683	37323	38603	38835
11.4 Shipyard Supp	57895	57895	57895	57895
11.5 Design Services	21959	21959	21959	21959
TOTAL	4846384	4675704	4798192	4800200

NOTE: All non-CORE ship work is unique to NSYs

Provided by NAVSEA Headquarters

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
Morale, Welfare, Recreation, Housing and Family Assistance	MWR services provided to military and civilian members include: Child Care, Auto Hobby, Arts/Crafts, Wood Hobby, Bowling, Clubs, Library, Tennis Courts, Volleyball Courts, Basketball Courts, Racquetball Courts, Gymnasium, Fitness Center, Marina, Softball Fields, Soccer Field.Housing, Family Assistance, and Religious services are provided to military members.
Naval Medical Clinic	The Naval Medical Clinic operates an on-site clinic to provide emergency care as well as routine physicals for the civilian workforce.
Naval Branch Dental Clinic	The Dental Clinic provides emergency and routine dental care for military personnel.
Bachelor Officer and Enlisted Quarters	Bachelor Officer and Enlisted Quarters are available for military personnel and guests visiting from other activities on TDY.

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
Morale, Welfare, Recreation, Housing and Family Assistance	These services improve the quality of life for military members assigned to the Shipyard or ships undergoing repair. The services provide benefits to civilian employees as well, resulting in higher workforce morale and work quality.

Workload and Capabilities, continued

Naval Branch Dental Clinic	The Dental Clinic provides convenient dental care for military personnel.
Bachelor Officer and Enlisted Quarters	These quarters provide a comfortable environment for military personnel and visitors.

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
Emergent Fleet Support (SUBLANT/SUBPAC)	Provide rapid response to Fleet emergencies anywhere in the world on short notice, typically provide technical experts and experienced tradesmen to promptly affect repairs.
Scheduled Fleet Support (SUBLANT/SUBPAC)	Provide experienced maintenance "Tiger" teams to accomplish more complex tasks (i.e., hatch machining, VLS cable replacement...) during upkeeps or restricted availabilities at home port.
Modernization Work (NAVSEA)	Develop procedures, processes and accomplish training/qualification of personnel to accomplish extensive modernization of submarines during engineered overhauls, depot modernization periods and selected restricted availabilities. As SSN 637 Class Planning Yard, Portsmouth was responsible for maintenance and modernization life cycle planning including ShipAlt design, development and on-site engineering support.
Research and Development Support (NAVSEA, NAVY LABS)	Support various Navy R&D programs including special equipment temporary installations on operational submarines and conversion of USS MEMPHIS (SSN 691) to an R&D mission. Support Deep

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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)?

$38,220

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)	19,064	18,179	16,801	13,189

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)	362,226	364,438	365,532	358,076
$ / DLH	46.28	55.11	51.95	66.94

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 20.1.

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	3071	3406	5594	5718	5199*	N/A	N/A	N/A
Programmed	Not Available	Not Available	3490	4378	7176	6750	6560	6606

* Dollars (estimate) to date as of 1 August 1994.

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?

Zero; facilities will be in compliance with all laws as they now exist by the end of FY97.

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

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)	$425	$1,115	$1,450	$0
REPLACEMENT ($K)	$8,125	$3,885	$3,550	$5,000

Note: FY1998 and FY1999 data reflect planned but not budgeted investments.

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 being Certified: Data Call Number Nine (Capacity)

ACTIVITY COMMANDER

L. C. HORNE	L C Horne
NAME (Please type or print)	Signature
Shipyard Commander	7 September 1994
Title	Date

Data Being Certified: BRAC 95 Data Call Number 9, Portsmouth Naval Shipyard

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

NEXT ECHELON LEVEL (if applicable)

Edward L. Shelton

NAME (Please type or print) Signature

Deputy Commander for Naval Shipyard and SUPSHIP Management and Field Activity Support Directorate (Acting)

Title Date 9/8/94

Naval Sea Systems Command

Activity

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

MAJOR CLAIMANT LEVEL

S. R. STERNER

NAME (Please type or print) Signature

Commander
Naval Sea Systems Command

Title Date 9/8/94

Activity

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

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

W. A. EARNER

NAME (Please type or print) Signature

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 being Certified: Data Call Number Nine (Capacity); Revison to Joint Cross Service Group - Depot Maintenance Supplement

ACTIVITY COMMANDER

L. C. HORNE
NAME (Please type or print)

LCHorne
Signature

Shipyard Commander
Title

9 September 1994
Date

UIC N00102

Data Being Certified: BRAC 95 Data Call Number 9, Portsmouth Naval Shipyard, Revisions

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

NEXT ECHELON LEVEL (if applicable)

William H. Ryzewic

NAME (Please type or print)

W. H. Ryzewic

Signature

Executive Director for Naval Shipyard and SUPSHIP Management and Field Activity Support Directorate

Title

9/12/94

Date

Naval Sea Systems Command

Activity

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

MAJOR CLAIMANT LEVEL

NAME (Please type or print)

G. R. STERNER
Commander
Naval Sea Systems Command

Title

S. R. Sterner

Signature

9/12/94

Date

Activity

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

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

GREENE, JR.

NAME (Please type or print)

Signature

14 SEP 1994

Date

Data Being Certified: BRAC 95 Data Call Number 9, Supplemenal, Joint Cross Service Group - Depot Maintenance Tables 12-15, Portsmouth Naval Shipyard.

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

Title Commander Naval Sea Systems Command Date 9/12/94

Activity

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

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

J. B. GREENE, JR.

NAME (Please type or print) Signature

ACTING

Title Date 14 SEP 1994

6

UIC N00102

Data Being Certified: BRAC 95 Data Call Number 9, Supplemental, Joint Cross Service Group - Depot Maintenance Tables 1.1a and 1.2a, Portsmouth Naval Shipyard.

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

MAJOR CLAIMANT LEVEL

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

Signature

9/29/94
Date

Activity

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

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

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

Signature

Title

30 SEP 1994
Date

6

UIC N00102

Data Being Certified: BRAC 95 Data Call Number 9, Supplemenal, Joint Cross Service Group - Depot Maintenance Tables 12-15, Portsmouth Naval Shipyard.

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

MAJOR CLAIMANT LEVEL

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

Signature

Date 9/29/94

Activity

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

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

W. A. EARNER

NAME (Please type or print)

Signature

Title

Date 30 SEP 1994

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Data Being Certified: BRAC 95 Data Call Number 9, Supplemenal, Joint Cross Service Group - Depot Maintenance Table 1.2a, Portsmouth Naval Shipyard, Revision.

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

Title Commander Date 10-4-94

Naval Sea Systems Commano

Activity

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

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

NAME (Please type or print) Signature

Title Date 10/5/94

11 117

UIC N00102

Data Being Certified: BRAC 95 Data Call Number 9, Portsmouth Naval Shipyard, Revision

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

NEXT ECHELON LEVEL (if applicable)

William H. Ryzewic

NAME (Please type or print)

W. H. Ryzewic

Signature

Executive Director for Naval Shipyard and SUPSHIP Management and Field Activity Support Directorate

Title

9/21/94

Date

Naval Sea Systems Command

Activity

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

MAJOR CLAIMANT LEVEL

NAME (Please type or print)

G. R. STERNER
Commander
Naval Sea Systems Command

Signature

Title

9/21/94

Date

Activity

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

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

NAME (Please type or print)

Signature

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 being Certified: Data Call Number Nine (Revison)

ACTIVITY COMMANDER

L. C. HORNE	
NAME (Please type or print)	Signature
Shipyard Commander	20 September 1994
Title	Date

16

UIC N00102

Data Being Certified: BRAC 95 Data Call Number 9, Supplemental Joint Cross Service Group - Depot Maintenance, Revised Table 1.3.a, Table 3.1.a, and Table 3.1.b, Portsmouth Naval Shipyard

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

MAJOR CLAIMANT LEVEL

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

Signature

10/7/94
Date

Activity

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

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

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

Signature

Title

10/7/94
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.

Data being Certified: Data Call Number Nine, Joint Cross Service Group Supplement (Revised pages 7R, 9R, and 9aR)

ACTIVITY COMMANDER

L. C. HORNE	LCHorne
NAME (Please type or print)	Signature
Shipyard Commander	6 October 1994
Title	Date

16

UIC N00102

Data Being Certified: BRAC 95 Data Call Number 9, Supplemental Joint Cross Service Group - Depot Maintenance, Revised Table 1.1.a, Table 1.2.a, and Tables 12-15 provided by NAVSEA, Portsmouth Naval Shipyard

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

MAJOR CLAIMANT LEVEL

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

Signature

10/7/94
Date

Activity

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

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

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

Signature

Title

10/7/94
Date

UIC N00102

Data Being Certified: BRAC 95 Data Call Number 9, Supplemental Joint Cross Service Group - Depot Maintenance, Revised Tables 12-15 provided by NAVSEA, Portsmouth Naval Shipyard.

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

MAJOR CLAIMANT LEVEL

E. S. MCGINLEY, II
NAME (Please type or print)

Signature

Acting Commander
Title

10/19/94
Date

Naval Sea Systems Command
Activity

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

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

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

Signature

Title

10/19/94
Date

wlr

Document Separator

Pearl Harbor, HI 116

Activity N00311

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

JOINT CROSS SERVICE - DEPOT MAINTENANCE

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

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

11. Sea Systems
    Ships
    Weapons Systems

12. Software
    Tactical Systems
    Support Equipment

13. Special Interest Items
    Bearings Refurbishment
    Calibration (Type I)
    TMDE

14. Other

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

Activity N00311

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**

5

	COMMODITY GROUP	INDEX (DLHs)				
		FY 1995	FY 1996	FY 1997	FY 1998	FY 1999
R	7.0 Ground and Shipboard Communications and Electronic Equipment					
R	7.1 Radar	12167	12167	12167	12167	12167
R	7.4 Electronic Warfare	838097	838097	838097	838097	838097
R	7.5 Navigational Aids	22681	22681	22681	22681	22681
R	11.0 Sea Systems					
R	11.1 Ships	5767604	5767604	5767604	5767604	5767604
R	11.2 Weapons Systems	323096	323096	323096	323096	323096
R	13.0 Special Interest Items					
R	13.1 Calibration	239576	239576	239576	239576	239576
R	14.0 Other (OPW)	828779	828779	828779	828779	828779
R	TOTAL	8,032,000	8,032,000	8,032,000	8,032,000	8,032,000

5

Pearl Harbor NSYD

Activity: N00311

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**

15

COMMODITY GROUP	INDEX (DLHs)					
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	
7 Radar	8382	8382	8382	8382	8382	R
7 Electronic Warfare	577360	577360	577360	577360	577360	R
7 Navagational Aids	15625	15625	15625	15625	15625	R
11 Ships	3973269	3973269	3973269	3973269	3973269	R
11 Weapon Systems	222579	222579	222579	222579	222579	R
14 Other	735984	735984	735984	735984	735984	R
TOTAL	5533199	5533199	5533199	5533199	5533199	R

Table 1.1.a data provided by NAVSEA Headquarters. R

Activity: N00311

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
7.1 Radar	12897	12897	12897	12897	12897
7.2 Radio Comm.	18061	18061	18061	18061	18061
7.4 Electronic Warfare	586391	586391	586391	586391	586391
7.5 Navagational Aids	29171	29171	29171	29171	29171
11.1 Ships	4000361	4000361	4000361	4000361	4000361
11.2 Weapon Systems	222579	222579	222579	222579	222579
11.3 Ship/Shipboard Support	185124	**185124**	**185124**	**185124**	**185124**
11.4 Shipyard Support	**329611**	**329611**	**329611**	**329611**	**329611**
13.3 TMDE	94820	94820	94820	94820	94820

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
R	7.0 Ground and Shipboard Communications and Electronic Equipment					
R	7.1 Radar	0.59	0.46	0.46	0.51	0.58
R	7.4 Electronic Warfare	0.59	0.46	0.46	0.51	0.58
R	7.5 Navigational Aids	0.59	0.46	0.46	0.51	0.58
R	11.0 Sea Systems					
R	11.1 Ships	0.59	0.46	0.46	0.51	0.58
R	11.2 Weapons Systems	0.59	0.46	0.46	0.51	0.58
R	13.0 Special Interest Items					
R	13.1 Calibration (Type 1)	0.59	0.46	0.46	0.51	0.58
R	14.0 Other (OPW)	0.59	0.46	0.46	0.51	0.58
R	TOTAL	0.59	0.46	0.46	0.51	0.58

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**

10

COMMODITY GROUP	INDEX (%)					
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	
7. Radar	80	63	60	65	89	R
7. Elec. Warfare	80	63	60	65	89	R
7. Nav Aids	80	63	60	65	89	R
11 Ships	95	69	44	51	53	R
11. Weapon Systems	80	63	60	65	89	R
14. Other	80	63	60	65	89	R

Table 1.2.a data provided by NAVSEA Headquarters. R

Activity: N00311

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**

15

COMMODITY GROUP	INDEX (%)					
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	
7. Radar	80	63	60	65	89	
7. Elec. Warfare	80	63	60	65	89	
7. Nav Aids	80	63	60	65	89	
11 Ships	95	69	44	51	53	
11. Weapon Systems	80	63	60	65	89	
14. Other	80	63	60	65	89	
11 Ships (Drydock) (Total)	95	69	44	51	53	R
7, 11 (weapons), 14 (Total)	80	63	60	65	89	R

Activity: N00311

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
7.1 Radar	80	63	65	65	89
7.2 Radio Comm.	80	63	65	65	89
7.4 Electronic Warfare	80	63	65	65	89
7.5 Navagational Aids	80	63	65	65	89
11.1 Ships	95	69	44	51	53
11.2 Weapon Systems	80	63	65	65	89
11.3 Ship/Shipboard Support	80	63	65	65	89
11.4 Shipyard Support	80	63	65	65	89
13.3 TMDE	80	63	65	65	89
15.0 Manufacturing	80	63	65	65	89
Total (ships)drydock)	95	69	44	51	53
Total (all others)	80	63	65	65	89

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**

10

	COMMODITY GROUP	INDEX (DLHs)				
		FY 1995	FY 1996	FY 1997	FY 1998	FY 1999
R	7.0 Ground and Shipboard Communications and Electronic Equipment					
R	7.1 Radar	12167	12167	12167	12167	12167
R	7.4 Electronic Warfare	838097	838097	838097	838097	838097
R	7.5 Navigational Aids	22681	22681	22681	22681	22681
R	11.0 Sea Systems					
R	11.1 Ships	5767604	5767604	5767604	5767604	5767604
R	11.2 Weapons Systems	323096	323096	323096	323096	323096
R	13.0 Special Interest Items					
R	13.1 Calibration (Type 1)	239576	239576	239576	239576	239576
R	14.0 Other (OPW)	828779	828779	828779	828779	828779
R	TOTAL	8,032,000	8,032,000	8,032,000	8,032,000	8,032,000

10

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).

15

Table 1.3.a: **Maximum Potential Capacity**

COMMODITY GROUP	INDEX (DLHs)				
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999
7.0 Ground and Shipboard Communications and Electronic Equipment					
7.1 Radar	12167	12167	12167	12167	12167
7.4 Electronic Warfare	838097	838097	838097	838097	838097
7.5 Navigational Aids	22681	22681	22681	22681	22681
11.0 Sea Systems					
11.1 Ships	5767604	5767604	5767604	5767604	5767604
11.2 Weapons Systems	323096	323096	323096	323096	323096
13.0 Special Interest Items					
14.0 Other (OPW)	1068355	1068355	1068355	1068355	1068355
TOTAL	8,032,000	8,032,000	8,032,000	8,032,000	8,032,000

R

Note: (1) Total direct workforce of 4000 manyears (8,320,000 DLHs) at amximum facility capacity.

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
	7.0 Ground and Shipboard Communications and Electronic Equipment					
R	7.1 Radar	18722	18722	18722	18722	18722
R	7.2 Radio Communications	26217	26217	26217	26217	26217
R	7.4 Electronic Warfare	851206	851206	851206	851206	851206
R	7.5 Navigational Aids	42345	42345	42345	42345	42345
R	11.0 Sea Systems					
R	11.1 Ships	5806930	5806930	5806930	5806930	5806930
R	11.2 Weapons Systems	323096	323096	323096	323096	323096
R	11.3 Ship/Shipboard Support	268726	268726	268726	268726	268726
R	11.4 Shipyard Support	478464	478464	478464	478464	478464
R	13.0 Special Interest Items					
R	13.3 TMDE	137641	137641	137641	137641	137641
	15.0 Manufacturing	78653	78653	78653	78653	78653
	TOTAL	8,032,000	8,032,000	8,032,000	8,032,000	8,032,000

Note: (1) Total direct workforce of 4000 manyears (8,032,000 DLHs) at maximum facility

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	1,391,005	1,433,140	1,476,804	1,521,659	1,567,859
Equipments	179,664	185,054	190,606	196,324	202,214
TOTAL	1,570,669	1,618,194	1,667,410	1,717,983	1,770,073

Note: Totals do not include all equipment items <$25K acquisition cost and <u>all</u> totally depreciated plant equipment items.

10

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.

15

Table 2.1: **Expenditures and Equipment Values**

PRV	$ K				
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999
Facilities	1,391,005	1,433,140	1,476,804	1,521,659	1,567,859
Equipments	179,664	185,054	190,606	196,324	202,214
TOTAL	1,570,669	1,618,194	1,667,410	1,717,983	1,770,073

Note: Totals do not include all equipment items <$25K acquisition cost and all totally depreciated plant equipment items.

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
7.0 Ground and Shipboard Communications and					

10

COMMODITY GROUP	$ K				
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999
R 11.1 Ships	$341,611	$271,650	$279,185	$313,273	$360,315
R 11.2 Weapons Systems	$19,137	$15,218	$15,640	$17,549	$20,185
R 13.0 Special Interest Items					
R 13.1 Calibration (Type 1)	$14,190	$11,284	$11,597	$13,013	$14,967
R 14.0 Other (OPW)	$49,087	$39,034	$40,117	$45,016	$51,777
R TOTAL	~~$475,729~~ 424,025	~~$378,301~~ 337,186	~~$388,795~~ 346,539	~~$436,266~~ 388,851	~~$501,777~~ 447,244

Note: Table 3.1.a. figures assume no significant labor rate increases are needed to cover or recover unforeseen operational expenses. The figures also include an annual 2% labor rate increase.

Table 3.1.b: **Programmed Workload**

COMMODITY GROUP	DLHs				
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999
R 7.0 Ground and Shipboard Communications and Electronic Equipment					
R 7.1 Radar	7195	5605	5650	6215	7015
R 7.4 Electronic Warfare	495647	386128	389179	428099	483239
R 7.5 Navigational Aids	13414	10450	10532	11586	13078
R 11.0 Sea Systems					
R 11.1 Ships	3410935	2657351	2678248	2946085	3325546
R 11.2 Weapaons Systems	191078	148857	150033	165037	186294
R 13.0 Special Interest Items					
R 13.1 Calibration (Type 1)	141684	110377	111249	122375	138137
R 14.0 Other (OPW)	490135	381834	384851	423339	477865
R TOTAL	4,750,088	~~3,708,504~~	~~3,729,744~~	4,102,736	~~4,631,176~~

COMMODITY GROUP	$ K				
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999
11.1 Ships	$319,525	$253,850	$249,230	$275,420	$382,461
11.2 Weapons Systems	$17,900	$14,220	$13,962	$15,428	$21,425
14.0 Other (OPW)	$59,187	$47,021	$46,166	$51,017	$70,845
TOTAL	$444,973	$353,512	$347,079	$383,552	$532,618

Note: Table 3.1.a. figures assume no significant labor rate increases are needed to cover or recover unforeseen operational expenses. The figures also include an annual 2% labor rate increase.

Table 3.1.b: **Programmed Workload**

COMMODITY GROUP	DLHs				
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999
7.0 Ground and Shipboard Communications and Electronic Equipment					
7.1 Radar	6741	5250	5055	5481	7471
7.4 Electronic Warfare	464306	361639	348229	377563	514592
7.5 Navigational Aids	12566	9787	9424	10218	13927
11.0 Sea Systems					
11.1 Ships	3195253	2488721	2396439	2598306	3541309
11.2 Weapons Systems	178995	139416	134246	145555	198381
14.0 Other (OPW)	591868	460995	443901	481293	655969
TOTAL	4,449,728	3,465,808	3,337,296	3,618,416	4,931,648

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	1,391,005	1,433,140	1,476,804	1,521,659	1,567,859
Equipments	179,664	185,054	190,606	196,324	202,214
TOTAL	1,570,669	1,618,194	1,667,410	1,717,983	1,770,073

Note: Totals do not include all equipment items <$25K acquisition cost and all totally depreciated plant equipment items.

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
7.0 Ground and Shipboard					

	COMMODITY GROUP	$ K				
		FY 1995	FY 1996	FY 1997	FY 1998	FY 1999
R	7.5 Navigational Aids	$2,346	$1,864	$1,975	$2,022	$2,808
	11.0 Sea Systems					
R	11.1 Ships	$321,704	$255,580	$270,859	$277,298	$385,069
	11.2 Weapons Systems	$17,900	$14,220	$15,070	$15,429	$21,425
R	11.3 Ship/Shipboard Support	$14,887	$11,827	$12,534	$12,832	$17,820
R	11.4 Shipyard Support	$26,507	$21,059	$22,318	$22,848	$31,728
	13.0 Special Interest Items					
R	13.3 TMDE	$7,625	$6,058	$6,420	$6,573	$9,127
R	15.0 Manufacturing	$4,357	$3,462	$3,669	$3,756	$5,216
	TOTAL	$444,973	$353,512	$374,645	$383,552	$532,618

Note: Table 3.1.a. figures assume no significant labor rate increases are needed to cover or recover unforeseen operational expenses. The figures also include an annual 2% labor rate increase.

Table 3.1.b: **Programmed Workload**

	COMMODITY GROUP	DLHs				
		FY 1995	FY 1996	FY 1997	FY 1998	FY 1999
	7.0 Ground and Shipboard Communications and Electronic Equipment					
R	7.1 Radar	10372	8078	8395	8433	11495
R	7.2 Radio Communications	14524	11312	11758	11811	16097
R	7.4 Electronic Warfare	471568	367296	381766	383469	522641

	COMMODITY GROUP	DLHs				
		FY 1995	FY 1996	FY 1997	FY 1998	FY 1999
R	11.3 Ship/Shipboard Support	148874	115956	120524	121061	164998
R	11.4 Shipyard Support	265069	206458	214591	215548	293777
	13.0 Special Interest Items					
R	13.3 TMDE	76253	59392	61732	62007	84511
R	15.0 Manufacturing	43574	33939	35276	35433	48293
R	TOTAL	4,449,728	3,465,808	3,602,352	3,618,416	4,931,648

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.

Although we are not the Center of Excellence for any one commodity type group, we report the following capabilities that are providing cross-services support:

1. **Joint Oil Analysis Program** (Comm. grp 13). Our Chemistry Laboratory has the Joint Oil Analysis Program (JOAP) for the Central Pacific region. The certified group supports all services (Army, Air Force, Navy, Marine Corps) by conducting analysis of oil from aircraft, ground equipment, and ships.

2. **Rebuild and test SSN 688 Class submarine signal ejector impulse cylinders** (Comm. grp 11).

3. **Calibration and Metrology Laboratory** (Comm. grp. 13). The Navy Calibration Center (Shop 52) provides a wide range of calibration services to many customers from the entire Pacific region. Personnel expertise and facilities are not normally available in the Pacific area. major customers are the Army (including the Tripler Army Medical Center), Air Force, Marine Corps, NCTAMS Eastpac, SUBASE Pearl Harbor, SIMA Pearl Harbor, SRF Yokosuka, SRF Guam, etc.

4. **Chemistry Laboratory** (Comm. grp. 13). The Chemistry Laboratory in our Quality Assurance Office, besides providing comprehensive, all-purpose chemistry laboratory services, has unique expertise and capability in paint research, development and testing, especially where tropical environments are concerned. The laboratory also has the expertise and equipment to conduct major failure analysis investigations. Major customers include Hickam Air Force Base, SUBASE Pearl Harbor, Navy Ocean Science Center Kaneohe, and NAVSEA.

5. **Total Quality Leadership (TQL) Training** (Comm. grp. 13). The shipyard provides TQL training and support services for not only its employees but to many other government activities as well. Services include strategic planning session facilitation, TQL classroom training, TQL instructor training, presentations, and general TQL support as requested. The shipyard facilitated about 30 strategic planning sessions both here and abroad (Washington, DC, Japan, and Guam). We have also assisted the Hawaii State Government implement TQL in their operations.

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.

Activity	Location	Description of Strategic Importance/Military Value
Pearl Harbor Naval Shipyard	Pearl Harbor, Hawaii Island of Oahu Central Pacific	♦ Only fully capable naval depot level maintenance facility in the central Pacific area. Most forward located depot maintenance facility in the Pacific Rim area. ♦ Capabilities include: - 4 operational drydocks capable of handling all naval ships. - Extensive machine shops and industrial plant equipment capable of supporting the most extensive overhaul, conversion or repair requirements on naval or civilian vessels. - Full capability for nuclear repair work, including radiological support and services. - Full range of Quality Assurance and Non-Destructive Testing services. - Full range of engineering services, nuclear and non-nuclear. ♦ Capable of providing industrial services to all other DOD and government agencies. ♦ Nearest location with equal capability is Puget Sound Naval Shipyard in Washington state on the U.S. west coast (2,500 miles to the east of Oahu). ♦ Nearest locations in the Pacific Rim with civilian contractors having similar but lesser capabilities are Japan, Korea or Singapore. ♦ For ease of support, the shipyard is located adjacent

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

Pearl Harbor Naval Shipyard is in full compliance with all Federal, state, and local environmental regulations.

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

No work has been restricted or delayed.

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.

Special Program	Environmental/Industrial Waste	Describe

None.

3.2 Within what provisions must the activity operate with regard to disposal of hazardous wastes and radioactive materials?

Type	Provisions	Describe
Hazardous Waste	40 CFR	PHNS operates under the requirements of a "Less than 90 day" Storage Area. The State of Hawaii does not have additional HW regulations outside of those required by RCRA.
PCB material/ waste	40 CFR	The Shipyard uses the EPA guidelines for disposal of PCBs. However, the City and County of Honolulu has decided to impose stricter environmental controls on acceptable materials/waste at landfills and H-Power. They are not accepting PCB materials with less than 50 ppm. H-Power is the city's energy generating trash incinerator.
Radioactive waste	NAVSEA 389-0288	Solid and liquid radioactive wastes are disposed of per NAVSEA 389-0288.

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.

Collocated Activity	Benefit/Relationship	Describe Impact
Commander, Submarine Force, US Pacific Fleet	Collocation improves coordination and responsiveness of repairs. Facility duplication is avoided.	PHNSY provides drydocking, overhaul, alterations, and repairs of submarines assigned to the US Pacific Fleet. PHNSY also provides facility and office support for SUBPAC rep.
Commander, Surface Force, Mid-Pacific	Collocation improves coordination and responsiveness of repairs. Facility duplication is avoided.	PHNSY provides drydocking, overhaul, alterations, and repairs of submarines assigned to the US Pacific Fleet.
Defense Finance and Accounting Service	Building and service duplication is avoided.	PHNSY provides office spaces and administrative services. DFAS provides accounting services.
Defense Printing Service Detachment Office	Building and service duplication is avoided.	PHNSY provides office and storage spaces. Defense Printing Service provides printing services.
Defense Reutilization and Marketing Office Hawaii	Facility duplication is avoided. Shipyard scrap material is properly disposed of.	PHNSY provides facility support and salvage scrap yard space. Defense Reutilization and Marketing Service provides for disposal of PHNSY scrap material.
Fleet and Industrial Supply Center	Facility and service duplication is avoided.	PHNSY provides buildings and performs administrative, transportation, and warehouse support services. Fleet and

Hickam Air Force Base	Large equipment needed to support ship overhauls or repairs can be transported quickly.	Hickam AFB provides a secure high capacity airlift capability for large equipment to support ship overhauls and repairs.
Naval and Marine Corps Reserve Center	Facility duplication is avoided.	NAVMARCORESCEN provides training facilities.
Naval Base Pearl Harbor	Facility duplication is avoided.	PHNSY provides office spaces and recycle collection spaces.
Naval Command, Control and Ocean Surveillance Center In Service Engineering West Activity	Facility and service duplication is avoided.	PHNSY provides buildings and performs calibration, industrial, storage, CEAP, and drug testing services.
Naval Computer and Telecommunications Area Master Station Eastern Pacific	Facility and service duplication is avoided.	PHNSY provides office spaces. Naval Computer and Telecommunications Area Master Station provides defense message center services.
Naval Dental Center	Dental support is available to support PHNSY activities.	Naval Dental Center provides emergency and routine dental care for shipyard personnel.
Naval Facilities Engineering Command Pacific Division	Building and facility support duplication is avoided.	NAVFACENGCOM provides facilities support to PHNSY.
Naval Investigative Service Regional Office Pacific	Building duplication is avoided.	PHNSY provides office spaces.
Naval Magazine Lualualei	Ships are able to offload ammunition immediately before entering the	Naval Magazine Lualualei receives ammunition offloaded from ships entering overhauls at PHNSY and issues

	PHNSY activities.	personnel.
Naval Sea Systems Command Detachment Naval Inactive Ship Maintenance Facility	Facility and service duplication is avoided. Activation of NISMF ships and craft would be expedited.	PHNSY provides personnel and drug testing support. NISMF provides a office space and facilities. PHNSY would also provide for activation of NISMF ships and craft upon mobilization.
Naval Security Group Activity	Building and facility support duplication is avoided.	PHNSY provides facility support and van storage space.
Naval Station Pearl Harbor	Ships are repaired without relocation, providing increased operational availability. Building and service duplication is avoided.	PHNSY provides drydocking, overhaul, alterations, and repairs of ships berthed at NAVSTA. PHNSY also provides buildings and performs facility support and drug testing services for NAVSTA. NAVSTA provides guard and security services; tug, fuel, and boat services; and billeting services.
Naval Undersea Warfare Engineering Station Det	Facility duplication is avoided.	PHNSY provides facility support for FORACS towers and control station.
Navy Public Works Center	Building and service duplication is avoided.	PHNSY provides buildings and performs facility support, drug testing, CEAP, and storage services for Navy Public Works Center. Navy Public Works Center provides utilities, facility maintenance, transportation services, truck cranes, and material handling equipment for PHNSY.
Office of Civilian Personnel Management Pacific Region	Building duplication is avoided.	PHNSY provides office spaces.

Supervisor of Shipbuilding, Conversion and Repair, USN, San Diego Detachment	Facility and service duplication is avoided.	PHNSY provides buildings and ship berthing facilities and performs administrative, industrial, warehousing, and support services.
US Postal Service	Facility and service duplication is avoided.	PHNSY provides facilities and custodial services. US Postal Service provides postal services.

4.2 Do collocated activities support, or are they supported by, the depot maintenance activity?

Collocated Activity	Describe Relationship
Commander, Submarine Force, US Pacific Fleet	Is supported by PHNSY.
Defense Finance and Accounting Service	Both supports and is supported by PHNSY.
Defense Printing Service Detachment Office	Both supports and is supported by PHNSY.
Defense Reutilization and Marketing Office Hawaii	Both supports and is supported by PHNSY.
Fleet and Industrial Supply Center	Both supports and is supported by PHNSY.
Fleet Training Group	Is supported by PHNSY.
Hickam Air Force Base	Supports PHNSY.
Naval and Marine Corps Reserve Center	Supports PHNSY.
Naval Base Pearl Harbor	Is supported by PHNSY.

Telecommunications Area Master Station Eastern Pacific	
Naval Dental Center	Supports PHNSY.
Naval Facilities Engineering Command Pacific Division	Both supports and is supported by PHNSY.
Naval Investigative Service Regional Office Pacific	Is supported by PHNSY.
Naval Magazine Lualualei	Supports PHNSY.
Naval Medical Clinic	Both supports and is supported by PHNSY.
Naval Sea Systems Command Detachment Naval Inactive Ship Maintenance Facility	Both supports and is supported by PHNSY.
Naval Security Group Activity	Is supported by PHNSY.
Naval Station Pearl Harbor	Both supports and is supported by PHNSY.
Naval Undersea Warfare Engineering Station Det	Is supported by PHNSY.
Navy Public Works Center	Both supports and is supported by PHNSY.
Office of Civilian Personnel Management Pacific Region	Is supported by PHNSY.
Submarine Base Pearl Harbor	Is supported by PHNSY.

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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
Commander, Submarine Force, US Pacific Fleet	Additional travel and communications would be required for coordination of repairs. COMSUBPAC would have to provide its own facility and office support.
Defense Finance and Accounting Service	DFAS would have to provide its own office spaces and administrative services. PHNSY would have to use less responsive remote accounting services.
Defense Printing Service Detachment Office	Defense Printing Service would have to provide its own office and storage spaces. PHNSY would have to ship masters to a remote Defense Printing Service office and Defense Printing Service would have to ship completed documents back.
Defense Reutilization and Marketing Office Hawaii	Defense Reutilization and Marketing Office would have to provide its own facility support and yard space. PHNSY would have to ship scrap material to a remote location for disposal, and often this could not be economically done.
Fleet and Industrial Supply Center	Fleet and Industrial Supply Center would have to provide its own buildings and perform its own administrative, transportation, and warehouse support services. PHNSY would have to provide its own data processing services. PHNSY would either have to provide its own NRFI processing into RFI stock or ship NRFI stock to another location for processing and return.
Fleet Training Group	Additional facilities would be needed to provide fire fighting and GASCO training to the Pacific Fleet, or Fleet personnel would have to travel to CONUS for training.

Naval Base Pearl Harbor	Naval Base would have to provide its own office spaces.
Naval Command, Control and Ocean Surveillance Center In Service Engineering West Activity	NISE West Activity would have to maintain its own buildings and perform its own calibration, industrial, storage, and drug testing services.
Naval Computer and Telecommunications Area Master Station Eastern Pacific	Naval Computer and Telecommunications Area Master Station would have to provide its own office space. PHNSY would have to provide its own defense message center.
Naval Dental Center	PHNSY would have to arrange for another source of emergency and routine dental care for shipyard personnel.
Naval Facilities Engineering Command Pacific Division	NAVFACENGCOM would have to provide its own office spaces. PHNSY would have to provide its own facilities support.
Naval Investigative Service Regional Office Pacific	NIS Regional Office would have to provide its own office spaces.
Naval Magazine Lualualei	Ships would have to offload and load ammunition using either a remote magazine or ammunition supply ships.
Naval Medical Clinic	Naval Medical Clinic would have to provide its own facility support. PHNSY would have to arrange for another source of emergency and routine medical care for shipyard personnel.
Naval Sea Systems Command Detachment Naval Inactive Ship Maintenance Facility	NISMF would have to provide its own personnel and drug testing support. PHNSY would have to provide additional office space and facilities. NISMF ships and craft would have to be shipped elsewhere for activation upon mobilization.
Naval Security Group Activity	Naval Security Group Activity would have to provide its own facility support and van storage space.
Naval Station Pearl Harbor	Ships would have to be moved to a remote facility for drydocking, overhaul, alterations, or repairs, resulting in

Naval Undersea Warfare Engineering Station Det	Naval Undersea Warfare Engineering Station would have to provide its own facility support for FORACS towers and control station.
Navy Public Works Center	Navy Public Works Center would have to maintain its own buildings and perform its own facility support, drug testing, CEAP, and storage services. PHNSY would have to provide its own utilities, facility maintenance, transportation services, truck cranes, and material handling equipment.
Office of Civilian Personnel Management Pacific Region	Office of Civilian Personnel Management would have to provide its own office spaces.
Submarine Base Pearl Harbor	Submarines would have to be moved to a remote facility for drydocking, overhaul, alterations, or repairs, resulting in decreased operational availability.
Supervisor of Shipbuilding, Conversion and Repair, USN, San Diego Detachment	SUPSHIP San Diego would have to maintain its own buildings and ship berthing facilities and perform its own administrative, industrial, warehousing, and support services.
US Postal Service	US Postal Service would have to provide its own facilities and custodial services. Postal services would be provided to PHNSY less efficiently at a remote location.

Geographic, continued

5. Encroachment

5.1 Have operations at this activity been at all constrained to accommodate requests of the local communities?

Type of Encroachment	Operation Impacted	Describe
Environmental Safety	All industrial operations	see description below.

Description. The southwest boundary of the shipyard is adjacent to Hickam Air Force Base Elementary School. Although there are no official environmental or legal restrictions against the shipyard, there is a local community sensitivity to hazardous waste storage within 850 feet of the school. This voluntary 850-foot zone does not apply to other types of industrial facilities, but long range planning of any kind of industrial development within the zone is normally not considered.

5.2 Indicate any encroachment constraints on current or future operations that would restrict future expansion.

Type of Encroachment	Constraint on Expansion	Describe

None except the voluntary 850-foot clear zone from Hickam Elementary School described above.

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
Chemistry and Materials Testing Laboratory	The Laboratory is a comprehensive, controlled climate test and inspection facility that conducts a full range of mechanical tests, metallurgical failure analyses and examinations, oil analyses and analytical chemistry tests. The facility provides on-site, direct support for depot level projects that require chemical or metallurgical/materials engineering testing and technical expertise. The facility is complete with its own dedicated machining section for test specimen and test fixture manufacture. The Laboratory information management system minicomputer tracks samples being worked on by Laboratory personnel. The facility provides comprehensive test capability for testing and analysis for the shipyard as well as other DoD commands in the central and western Pacific Ocean areas. Some of the laboratory services provided include: - Energy Dispersive X-Ray Fluorescence analysis -Vacuum emission spectrography -Wet chemistry -Nuclear water chemistry -Environmental testing -Mechanical testing (tensile, H\hardness, bend, impact) -Paint/coatings testing -Scanning electron microscope (SEM) -Trace metal analysis
Joint Oil Analysis Program (JOAP) facility	Centrally located in the Pacific Ocean, the Naval Sea Systems Command (NAVSEA) designated, independently funded oil analysis laboratory facility directly supports all services (e.g., Army, Air Force, Navy, Marine). The facility is certified to perform analysis on oil from aircraft, ground equipment, and ships. The facility conducts petroleum product testing in support of ship repair/overhauls.
Radiographic Inspection Facility	Facility specifically designed and constructed for radiographic inspection. Facility includes thick walls, lead lining, interconnected electrical circuits and heavy doors to ensure personnel safety when conducting radiographic inspections. Facility certified by Nuclear Regulatory Commission and Navy Radiation Area Safety Office for the conduct of radiography.

RADIAC Calibration Facility (Radiation, Detection, Indication and Computation)	This facility is capable of: -Calibrating gamma radiation instrument up to 400 Roentgen per hour. -Calibrating alpha radiation instrument up to 619 thousand counts per minute. -Calibrating m\neutron radiation instrument up to 600 milli-Roentgen per hour. -Measuring beta activity up to 4505 micro-micro-Curie. The facility is the only fully licensed one in the State of Hawaii.
Calibration Lab	The Calibration Lab performs calibration services to support ship repair and overhaul. This facility also supports other Navy customers in addition to supporting the shipyard. This facility is the largest of its type in this region. Some of the unique features include: -Oxygen calibration facility is a room where the cleanliness level is less than 100,000 particles per cubic foot of size 0.5 to 5.0 micro-meters. The level of hydrocarbons in trichlorotrifluoroethane is less than 0.5 parts per million. The facility is fully NAVSEA certified. -Mercury calibration room is to handle mercury operation including the performance testing of Jerome mercury vapor analyzer.
Transducer Repair and Test Facility	Facility contains 3 each hydro pressure test tanks (maximum 3000 psi) and 1 each mobile hydro pressure test tank (maximum 1000 psi). Hydro pressure test certification, requirement needs are provided for shop and other shipyard departments. Floor space equipment and test equipment for restoration of various transducers/hydrophones are housed within the Transducer Repair Facility. Rubber vulcanizing equipment and services are available in this facility. Unique features of the facility include: -200,000 gallon freshwater tank used for acoustic measurement testing using the FQM-12 computer controlled test set and is adjacent to the transducer restoration area. -Ocean environment test range for acoustic measurement testing of large transducer arrays. An FQM-12 computer controlled test set is on site. This facility is in the vicinity of the shipyard's transducer repair facility is thus logistically ideal.

6.2 Indicate the reasons that these facilities are required by the depot maintenance function.

Test Facility	Reasons Required for Maintenance
Chemistry and Materials Testing Laboratory	The on-site facility provides testing and analysis that is required to support submarine, surface ship and other depot level work. In addition, the Laboratory facilities have capabilities that cannot be found elsewhere in the central and western Pacific Ocean.
Joint Oil Analysis Program (JOAP) Facility	Supports Army, Air Force, Navy and Marine Corp.
Radiographic Inspection Facility	The on-site facility provides the required support to conduct radiographic inspections of materials in the shop and in the field. Radiographic inspections are required to be conducted in a specifically designed and certified radiographic inspection facility.
Welding Laboratory	Depot functions require a welding engineering facility and ready access to a welding laboratory, machine shop, nondestructive testing facilities, a chemistry laboratory and a material testing laboratory.
RADIAC Calibration Facility (Radiation Detection, Indication and Computation)	Nuclear work requires the measurement of radiation to document the exposure levels.
Calibration Lab	Ship repair and overhaul work require quick turn-around of calibration for guages, tools and equipment. Calibration is also performed shipboard.
Transducer Repair and Test Facility	Facility is a designated overhaul point for repair/restoration and testing of various transducers and hydrophones in the Pacific region.

6.3 How could the depot maintenance functions be performed without these specialized facilities?

Test Facility	Describe Testing Alternatives
Chemistry and Materials Testing Laboratory	No acceptable alternatives -Samples would have to be sent to another facility -Specialized on-site testing and analysis would have to performed by another activity -This would cause unacceptable delays in depot work
Joint Oil Analysis Program (JOAP)	No acceptable alternatives

Welding Laboratory	No acceptable alternatives -Weld specimens would have to be sent to certified industrial testing laboratories in the Continental U.S. -Qualifications for nuclear welders performed at another facility in the Continetal U.S. -This would cause unacceptable delays in depot work and excessive cost.
RADIAC Calibration Facility (Radiation Detection, Indication and Computation)	No acceptable alternatives -Instruments sent to another activity for calibration (Continental U.S) -This would cause unacceptable delays in the shipyard's depot work, and for the Army, Marine Corp, and the City and County of Honolulu
Calibration Lab	No accpetable alternatives -On-site support required otherwise unacceptable delays would occur.
Transducer Repair and Test Facility	No acceptable alternatives Functions cannot be performed without this specialized facility.

Facilities and Equipage, continued

7. Buildings and Their Condition

7.1 List the buildings used to perform the depot maintenance functions by category code numbers (five or six digit CCNs), identifying their current condition (adequate, substandard, and inadequate) in Table 7.1 in thousands of square feet (KSF).

Table 7.1: Facility Conditions

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CCN	Facility Type	Condition / Area (# KSF) See Note (1)			Comments/ Defeciency Codes See Note 2
		Adequate	Substandard	Inadequate	
213-41	Central Tool (06)	15.98	0	69.75	A27, A30, A10, B26, C10, D30
213-42	Shipfitting Shop (11)	143.916	0	0	A12, A05, B26, B38, C10, C38, C26
213-43	Sheet Metal (17)	1.288	0	51.139	A30, B26, C11, C10, D30
213-44	Forge & Heat Treatment (23)	38.2	0	0	A26, A27, A30, A52, E05
213-45	Welding (26)	31.304	0	0	A05, A21, B30, B26, C02, C30
213-48	Q.A.	90.068	0	0	A30, A04, A03, A27, A23
213-50	Optical Shop	0	0	0	N/A to PHNS
213-51	Weapons Shop (36)	0	0	0	N/A to PHNS
213-49	Inside Machine (31)	197.097	0	0	A30, A27, A21, B30, E05
213-52	Marine Machine (38)	107.261	0	0	A52, A39, A02, A30, A03, C05
213-53	Boilermaker (41)	47.036	0	0	A05, A21, C10

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Facilities and Equipage, continued

7. **Buildings and Their Condition**

7.1 List the buildings used to perform the depot maintenance functions by category code numbers (five or six digit CCNs), identifying their current condition (adequate, substandard, and inadequate) in Table 7.1 in thousands of square feet (KSF).

Table 7.1: **Facility Conditions**

CCN	Facility Type	Condition / Area (# KSF) See Note (1)			Comments/ Defeciency Codes See Note 2	
		Adequate	Substandard	Inadequate		
213-41	Central Tool (06)	15.98	0	69.75	A27, A30, A10, B26, C10, D30	
213-42	Shipfitting Shop (11)	143.916	0	0	A12, A05, B26, B38, C10, C38, C26	
213-43	Sheet Metal (17)	1.288	0	45.2	A30, B26, C11, C10, D30	R
213-44	Forge & Heat Treatment (23)	38.2	0	0	A26, A27, A30, A52, E05	
213-45	Welding (26)	31.304	0	0	A05, A21, B30, B26, C02, C30	
213-48	Q.A.	90.068	0	0	A30, A04, A03, A27, A23	
213-50	Optical Shop	0	0	0	N/A to PHNS	
213-51	Weapons Shop (36)	0	0	0	N/A to PHNS	
213-49	Inside Machine (31)	197.077	0	0	A30, A27, A21, B30, E05	R
213-52	Marine Machine (38)	107.261	0	0	A52, A39, A02, A30, A03, C05	

CCN	Facility Type	Condition / Area (# KSF) See Note (1)			Comments/ Defeciency Codes – See Note 2
		Adequate	Substandard	Inadequate	
213-56	Woodworking (64)	100.356	0	8.200	A08, A30, A02, A27, B26, C32, D30, E48
213-57	Electronics (67)	151.336	0	10.300	A08, A30, A27, C23, C10, D30, D26, E05
213-58	Boat Shop	0	0	0	N/A to PHNS
213-59 / 60	Abrasive Blast / Paint Facility (71)	35.287	0	40.652	A20, A30, B30, B26, D30, F30
213-61	Rigging Shop (72)	68.988	0	0	None
213-62	Sail Loft	46.948	0	0	A21, A27, C10
213-63	Foundry (81)	0	53.508	0	A02, A30, C30, C38
213-64	Pattern Maker (94)	31.785	0	0	A02, D30
213-65	Nuclear Repair	36.267	0	0	None
213-66	Temporary Svc (99)	63.894	0	.501	B26,C30,D30
213-10	Drydocks	506.01	0	0	See Note (3); A04, A05, A21, A23, C30, C32
213-67	Drydock Pumphouse	38.430	0	0	None
213-68	Divers Change House	0	0	0	N/A to PHNS
213-70	Ship Svc Support	13.322	0	0	None
213-77	Ships/Spares Storage	103.011	0	50.733	A21, A24, A30, A27, B26, C30, C11, C10, C05, C51, C53, D30, E05
213-80	Marine Railway	0	0	0	N/A to PHNS

CCN	Facility Type	Condition / Area (# KSF) See Note (1)			Comments/ Defeciency Codes
		Adequate	Substandard	Inadequate	See Note 2
152-20	Berth Wharf	0	0	0	N/A to PHNS
152-50	Repair Wharf	4.835 KFB	0	.762 KFB	A05, A21, A25, E05, F30
154-20	Quaywalls	0	0	0	N/A to PHNS
155-10	Fleet Landing	0	0	0	N/A to PHNS
155-20	Small Craft Berthing	.128 KFB	0	0	C30
860-10	Railroad Trackage	0	0	0	N/A to PHNS
	Total	2097.37	53.508	249.44	

Note: (1) The table's Adequate, Inadequate, and Substandard condition rating reflects an operational usage condition and not a "dollars to repair" condition as defined in NAVFACINST 11010.44, Sec. 5.7. For this data call, an adequate facility condition is defined as a facility being fully operational for basic mission requirements.

Note: (2) Drydocks 1, 2 and 4 have modernization MILCONs to upgrade electrical systems. Existing electrical system is fully capable for current use.

Note: (3) See defeciency code list in table 33.1.b.

Facilities and Equipage, continued

7.2 In Table 7.2.a, identify space available for expansion by building type for those facility category code numbers (five or six digit CCNs) that are most important to your mission. An activity's expansion capability is a function of its ability to reconfigure/rehabilitate existing underutilized facilities to accept new or increased requirements.

Table 7.2.a: **Space Available for Expansion**

Building ID / Type	CCN	Installation Space (KSF)			Total
		Adequate	Substandard	Inadequate	
Central Tool (06)	213-41	7.99	0	34.88	42.87
Shipfitting Shop (11)	213-42	71.96	0	0	71.96
Sheet Metal (17)	213-43	.64	25.57	0	26.21
Forge & Heat Treatment (23)	213-44	19.12	0	0	19.12
Welding (26)	213-45	15.65	0	0	15.65
Q.A.	213-48	45.03	0	0	45.03
Optical Shop	213-50	0	0	0	0.00
Weapons Shop (36)	213-51	0	0	0	0.00
Inside Machine (31)	213-49	98.55	0	0	98.55
Marine Machine (38)	213-52	53.63	0	0	53.63
Boilermaker (41)	213-53	23.52	0	0	23.52
Electrical (51)	213-54	78.32	0	0	78.32
Pipefitter (56)	213-55	36.48	0	3.90	40.38
Woodworking (64)	213-56	50.18	0	4.10	54.28
Electronics (67)	213-57	75.67	0	5.15	80.82
Boat Shop	213-58	0	0	0	0.00
Abrasive Blast / Paint Facility (71)	213-59 / 60	17.64	0	20.33	37.97

	CCN	Installation Space (KSF)			Total
		Adequate	Substandard	Inadequate	
Nuclear Repair	213-65	19.13	0	0	19.13
Temporary Svc (99)	213-66	31.95	0	.25	32.20
Drydocks	213-10	0	0	0	0.00
Drydock Pumphouse	213-67	19.22	0	0	19.22
Divers Change House	213-68	0	0	0	0.00
Ship Svc Support	213-70	6.66	0	0	6.66
Ships/Spares Storage	213-77	51.51	0	0	51.51
Marine Railway	213-20	0	0	0	0.00
Fixed Crane Structures	213-40	1 ea.	0	0	1 ea.
GP Berth Pier	151-20	0	0	0	0.00
GP Repair Pier	151-50	3.28 KFB	0	0	3.28 KFB
Berth Wharf	152-20	0	0	0	0.00
Repair Wharf	152-50	2.42 KFB	0	.38 KFB	2.80 KFB
Quaywalls	154-20	0	0	0	0.00
Fleet Landing	155-10	0	0	0	0.00
Small Craft Berthing	155-20	.64	0	0	0.64
Railroad Trackage	860-10	0	0	0	0.00
	TOTAL:	797.34	26.75	99.36	923.45

Building ID / Type

8. Unique and/or Peculiar Capabilities and Capacities

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

♦ Only fully capable naval depot level maintenance facility in the central Pacific area. Most forward located depot maintenance facility in the Pacific Rim area.
♦ Capabilities include:
- 4 operational drydocks capable of handling all naval ships.
- Extensive machine shops and industrial plant equipment capable of supporting the most extensive overhaul, conversion or repair requirements on naval or civilian vessels.
- Full capability for nuclear repair work, including radiological support and services.
- Full range of Quality Assurance and Non-Destructive Testing services.
- Full range of engineering services, nuclear and non-nuclear.

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
None	

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	131	131	0	0
Operational	0	0	0	0
Training	1.6	1.6	0	0
R & D	0	0	0	0
Supply & Storage	17	11	0	0
Admin	10'	10	0	0
Housing	0	0	0	0
Recreational	0	0	0	0
Forestry Program	0	0	0	0
Agricultural Outlease Program	0	0	0	0
Hunting/Fishing Programs	0	0	0	0

10. Administrative Space

10.1 What amount in square feet of administrative space could be made available to the depot maintenance function?

Current Use	Square Feet	Potential Use (Be Specific)

Approximately 196,000 square feet of existing office could be made available. This is approximately one-half of the total shipyard administrative office space area. The shipyard currently has a total of 393,060 square feet of administrative office space for management, business, financial, engineering, production, and staff offices spread among the various departments and shops. To make this space available however, shipyard offices need to be consolidated into a lesser number of buildings. A plan to consolidate shipyard command management, business, financial, engineering and planning, and supply offices is underway. In addition to consolidations existing space-inefficient furniture need to be replaced with space-saving modular furniture to optimize floor space. Modular furniture has already been installed in a few offices within the shipyard.

The 196,000 square feet includes substandard office space that the shipyard plans to vacate and demolish, approximately 136,000 square feet. After demolition, there would be approximately 60,000 square feet that could be made available.

11. Industrial Waste

11.1 Are there any inhibiting factors that would limit future expansion on the base? Provide the details if applicable.

Inhibiting Factor	Provide Detailed Description

None.

MEASURES OF MERIT

Primary UIC: 00311

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**

5

COMMODITY GROUP	Capability (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
7	349735	349735	349735	349735
Radar	4875	4875	4875	4875
Electronic Warfare	335773	335773	335773	335773
Navigational Aids	9087	9087	9087	9087
11	2440162	2440162	2440162	2440162
Ships	2310718	2310718	2310718	2310718
Weapons Svs	129444	129444	129444	129444
13 Calibration	95983	95983	95983	95983
14 Other	332040	332040	332040	332040
TOTAL	3217920	3217920	3217920	3217920

NOTE: Table 12.1.a: **Service Required Core**

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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**

15

COMMODITY GROUP	Capability (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
7	349069	349069	349069	349069
Radar	4865	4865	4865	4865
Electronic Warfare	335134	335134	335134	335134
Navigational Aids	9070	9070	9070	9070
11	2435515	2435515	2435515	2435515
Ships	2306318	2306318	2306318	2306318
Weapons Svs	129197	129197	129197	129197
14 Other	427208	427208	427208	427208
TOTAL	3211792	3211792	3211792	3211792

NOTE: Table 12.1.a: **Service Required Core**
Provided by NAVSEA Headquarters

MEASURES OF MERIT

Primary UIC: 00311

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
7.1 Radar	7486	7486	7486	7486
7.2 Radio Comm	10484	10484	10484	10484
7.4 Elec Warfare	340376	340376	340376	340376
7.5 Nav Aids	16932	16932	16932	16932
11.1 Ships	2322043	2322043	2322043	2322043
11.2 Weapons Sys	129198	129198	129198	129198
11.3 Ship/S.board S	107457	107457	107457	107457
11.4 Shipyard Supp	191326	191326	191326	191326
13.3 TMDE	55039	55039	55039	55039
15.0 Manufacturing	31451	31451	31451	31451
TOTAL	3211792	3211792	3211792	3211792

NOTE: Table 12.1.a: **Service Required Core**
Provided by NAVSEA Headquarters

MEASURES OF MERIT

Primary UIC: 00311

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
7.1 Radar	7486	7486	7486	7486
7.2 Radio Comm	10483	10483	10483	10483
7.4 Elec Warfare	340376	340376	340376	340376
7.5 Nav Aids	16933	16933	16933	16933
11.1 Ships	2322044	2322044	2322044	2322044
11.2 Weapons Sys	129198	129198	129198	129198
11.3 Ship/S.board S	107457	107457	107457	107457
11.4 Shipyard Supp	191326	191326	191326	191326
13.3 TMDE	55039	55039	55039	55039
15.0 Manufacturing	31451	31451	31451	31451
TOTAL	3211792	3211792	3211792	3211792

NOTE: Table 12.1.a: **Service Required Core**

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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.

5

Table 12.2.a: **Core Capability Retained for Other Services**

COMMODITY TYPE	Capability (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
NONE				
TOTAL				

NOTE: Table 12.2.a: **Core Capability Retained for Other Services**
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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** 15

COMMODITY TYPE	Capability (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
NONE				
TOTAL				

NOTE: Table 12.2.a: **Core Capability Retained for Other Services**
Provided by NAVSEA Headquarters

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**

22

COMMODITY TYPE	Capability (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
NONE				
TOTAL				

NOTE: Table 12.2.a: **Core Capability Retained for Other Services**
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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
NONE				
TOTAL				

NOTE: Table 12.2.a: **Core Capability Retained for Other Services**
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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
7	349735	349735	349735	349735
Radar	4875	4875	4875	4875
Electronic Warfare	335773	335773	335773	335773
Navigational Aids	9087	9087	9087	9087
11	2440162	2440162	2440162	2440162
Ships	2310718	2310718	2310718	2310718
Weapons Sys	129444	129444	129444	129444
13 Calibration	95983	95983	95983	95983
14 Other	332040	332040	332040	332040
TOTAL	3217920	3217920	3217920	3217920

NOTE: Table 12.3.a: **Service-Controlled Core (Title 10)**
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Workload and Capabilities, continued Primary UIC: 00311

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)**

15

COMMODITY GROUP	Capability (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
7	349069	349069	349069	349069
Radar	4865	4865	4865	4865
Electronic Warfare	335134	335134	335134	335134
Navigational Aids	9070	9070	9070	9070
11	2435515	2435515	2435515	2435515
Ships	2306318	2306318	2306318	2306318
Weapons Svs	129197	129197	129197	129197
14 Other	427208	427208	427208	427208
TOTAL	3211792	3211792	3211792	3211792

NOTE: Table 12.3.a: **Service-Controlled Core (Title 10)**
Provided by NAVSEA Headquarters

Workload and Capabilities, continued Primary UIC: 00311

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)**

22

COMMODITY GROUP	Capability (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
7.1 Radar	7486	7486	7486	7486
7.2 Radio Comm	10484	10484	10484	10484
7.4 Elec Warfare	340376	340376	340376	340376
7.5 Nav Aids	16932	16932	16932	16932
11.1 Ships	2322043	2322043	2322043	2322043
11.2 Weapons Sys	129198	129198	129198	129198
11.3 Ship/S.board S	107457	107457	107457	107457
11.4 Shipyard Supp	191326	191326	191326	191326
13.3 TMDE	55039	55039	55039	55039
15.0 Manufacturing	31451	31451	31451	31451
TOTAL	3211792	3211792	3211792	3211792

NOTE: Table 12.3.a: **Service-Controlled Core (Title 10)**
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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
7.1 Radar	7486	7486	7486	7486
7.2 Radio Comm	10483	10483	10483	10483
7.4 Elec Warfare	340376	340376	340376	340376
7.5 Nav Aids	16933	16933	16933	16933
11.1 Ships	2322044	2322044	2322044	2322044
11.2 Weapons Sys	129198	129198	129198	129198
11.3 Ship/S.board S	107457	107457	107457	107457
11.4 Shipyard Supp	191326	191326	191326	191326
13.3 TMDE	55039	55039	55039	55039
15.0 Manufacturing	31451	31451	31451	31451
TOTAL	3211792	3211792	3211792	3211792

NOTE: Table 12.3.a: **Service-Controlled Core (Title 10)**
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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**

5

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
7	349735	349735	349735	349735
Radar	4875	4875	4875	4875
Electronic Warfare	335773	335773	335773	335773
Navigational Aids	9087	9087	9087	9087
11	2440162	2440162	2440162	2440162
Ships	2310718	2310718	2310718	2310718
Weapons Sys	129444	129444	129444	129444
13 Calibration	95983	95983	95983	95983
14 Other	332040	332040	332040	332040
TOTAL	3217920	3217920	3217920	3217920

NOTE: Table 13.1a **Total Core Workloads**

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Workload and Capacities, continued Primary UIC: 00311

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**

15

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
7	349069	349069	349069	349069
Radar	4865	4865	4865	4865
Electronic Warfare	335134	335134	335134	335134
Navigational Aids	9070	9070	9070	9070
11	2435515	2435515	2435515	2435515
Ships	2306318	2306318	2306318	2306318
Weapons Svs	129197	129197	129197	129197
14 Other	427208	427208	427208	427208
TOTAL	3211792	3211792	3211792	3211792

NOTE:Table 13.1a **Total Core Workloads**
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Workload and Capacities, continued Primary UIC: 00311

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**

22

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
7.1 Radar	7486	7486	7486	7486
7.2 Radio Comm	10484	10484	10484	10484
7.4 Elec Warfare	340376	340376	340376	340376
7.5 Nav Aids	16932	16932	16932	16932
11.1 Ships	2322043	2322043	2322043	2322043
11.2 Weapons Sys	129198	129198	129198	129198
11.3 Ship/S.board S	107457	107457	107457	107457
11.4 Shipyard Supp	191326	191326	191326	191326
13.3 TMDE	55039	55039	55039	55039
15.0 Manufacturing	31451	31451	31451	31451
TOTAL	3211792	3211792	3211792	3211792

NOTE:Table 13.1a **Total Core Workloads**
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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
7.1 Radar	7486	7486	7486	7486
7.2 Radio Comm	10483	10483	10483	10483
7.4 Elec Warfare	340376	340376	340376	340376
7.5 Nav Aids	16933	16933	16933	16933
11.1 Ships	2322044	2322044	2322044	2322044
11.2 Weapons Sys	129198	129198	129198	129198
11.3 Ship/S.board S	107457	107457	107457	107457
11.4 Shipyard Supp	191326	191326	191326	191326
13.3 TMDE	55039	55039	55039	55039
15.0 Manufacturing	31451	31451	31451	31451
TOTAL	3211792	3211792	3211792	3211792

NOTE:Table 13.1a **Total Core Workloads**
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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.

5

Table 14.1.a: **FMS Above Core Workload**

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

Note: The amount of workload in the below listed categories is negligible in the Naval Shipyards, and therefore is not listed in the following tables:

14.1.a: FMS Above Core Workload
14.1.b: Interservice Above Core Workload
14.1.c: Other Agency Above Core Workload
14.1.f: Low Quantity Above Core Workload
14.1.g: All Other Workload (Above Core)
15.1: Unique and/Peculiar Total Core Workload
15.2: Non-Core Unique and/or Peculiar Workload

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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.

15

Table 14.1.a: **FMS Above Core Workload**

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

Note: The amount of workload in the below listed categories is negligible in the Naval Shipyards, and therefore is not listed in the following tables:

14.1.a: FMS Above Core Workload
14.1.b: Interservice Above Core Workload
14.1.c: Other Agency Above Core Workload
14.1.f: Low Quantity Above Core Workload
14.1.g: All Other Workload (Above Core)
15.1: Unique and/Peculiar Total Core Workload
15.2: Non-Core Unique and/or Peculiar Workload

Workload and Capabilities, continued Primary UIC: 00311

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**

22

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

Note: The amount of workload in the below listed categories is negligible in the Naval Shipyards, and therefore is not listed in the following tables:

14.1.a: FMS Above Core Workload
14.1.b: Interservice Above Core Workload
14.1.c: Other Agency Above Core Workload
14.1.f: Low Quantity Above Core Workload
14.1.g: All Other Workload (Above Core)

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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				

Note: The amount of workload in the below listed categories is negligible in the Naval Shipyards, and therefore is not listed in the following tables:

14.1.a: FMS Above Core Workload
14.1.b: Interservice Above Core Workload
14.1.c: Other Agency Above Core Workload
14.1.e: Within Service Above Core Workload
14.1.f: Low Quantity Above Core Workload
14.1.g: All Other Workload (Above Core)

Provided by NAVSEA Headquarters

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
See Note, Table 14.1.a				
TOTAL				

Table 14.1.c: **Other Agency Above Core Workload**

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
See Note, Table 14.1.a				
TOTAL				

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
See Note, Table 14.1.a				
TOTAL				

Workload and Capabilities, continued Primary UIC: 00311

14. All Other Workloads (Above Core), continued

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

15

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
See Note, Table 14.1.a				
TOTAL				

Workload and Capabilities, continued Primary UIC: 00311

14. All Other Workloads (Above Core), continued

22

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

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
See Note, Table 14.1.a				
TOTAL				

Provided by NAVSEA Headquarters

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
See Note, Table 14.1.a				
TOTAL				

Provided by NAVSEA Headquarters

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
7	523212	523212	523212	523212
Radar	7292	7292	7292	7292
Electronic Warfare	502326	502326	502326	502326
Navigational Aids	13594	13594	13594	13594
11	3650539	3650539	3650539	3650539
Ships	3456887	3456887	3456887	3456887
Weapons Systems	193652	193652	193652	193652
13	143593	143593	143593	143593
14	496739	496739	496739	496739
TOTAL	4814083	4814083	4814083	4814083

NOTE:Table 14.1.h: **Total Above Core Workload**

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14. Other Workloads (Above Core), continued

Table 14.1.h: **Total Above Core Workload**

(Sum of Tables 14.1.a through 14.1.g)

15

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
7	523878	523878	523878	523878
Radar	7302	7302	7302	7302
Electronic Warfare	502965	502965	502965	502965
Navigational Aids	13611	13611	13611	13611
11	3655185	3655185	3655185	3655185
Ships	3461287	3461287	3461287	3461287
Weapons Systems	193898	193898	193898	193898
14	641148	641148	641148	641148
TOTAL	4820211	4820211	4820211	4820211

NOTE:Table 14.1.h: **Total Above Core Workload**

Provided by NAVSEA Headquarters

14. Other Workloads (Above Core), continued

Table 14.1.h: **Total Above Core Workload**

(Sum of Tables 14.1.a through 14.1.g)

22

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
7.1 Radar	11236	11236	11236	11236
7.2 Radio Comm	15733	15733	15733	15733
7.4 Elec Warfare	510830	510830	510830	510830
7.5 Nav Aids	25413	25413	25413	25413
11.1 Ships	3484887	3484887	3484887	3484887
11.2 Weapons Sys	193899	193899	193899	193899
11.3 Ship/S.board S	161269	161269	161269	161269
11.4 Shipyard Supp	287138	287138	287138	287138
13.3 TMDE	82602	82602	82602	82602
15.0 Manufacturing	47204	47204	47204	47204
TOTAL	4820211	4820211	4820211	4820211

NOTE:Table 14.1.h: **Total Above Core Workload**
Provided by NAVSEA Headquarters

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
7.1 Radar	592	910	948	4008
7.2 Radio Comm	829	1275	1327	5614
7.4 Elec Warfare	26920	41390	43093	182265
7.5 Nav Aids	1339	2059	2143	9067
11.1 Ships	183647	282365	293979	1243412
11.2 Weapons Sys	10218	15711	16357	69183
11.3 Ship/S.board S	8499	13067	13604	57541
11.4 Shipyard Supp	15132	23265	24223	102452
13.3 TMDE	4353	6693	6968	29472
15.0 Manufacturing	2487	3825	3982	16824
TOTAL	254016	390560	406624	1719856

NOTE:Table 14.1.h: **Total Above Core Workload**

Provided by NAVSEA Headquarters

15. Unique and/or Peculiar Workloads (Refer to Question 8.1)

5

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
See Note, Table 14.1.a				
TOTAL				

14. Other Workloads (Above Core), continued

15

Table 14.1.b: **Interservice Above Core Workload**

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
See Note, Table 14.1.a				
TOTAL				

Table 14.1.c: **Other Agency Above Core Workload**

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
See Note, Table 14.1.a				
TOTAL				

14. Other Workloads (Above Core), continued

Table 14.1.b: **Interservice Above Core Workload**

22

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
See Note, Table 14.1.a				
TOTAL				

Provided by NAVSEA Headquarters

Table 14.1.c: **Other Agency Above Core Workload**

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
See Note, Table 14.1.a				
TOTAL				

Provided by NAVSEA Headquarters

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
See Note, Table 14.1.a				
TOTAL				

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Table 14.1.c: **Other Agency Above Core Workload**

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
See Note, Table 14.1.a				
TOTAL				

Provided by NAVSEA Headquarters

14. Other Workloads (Above Core), continued

5

Table 14.1.d: **Last Source of Repair Workload**

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
7	206550	206550	206550	206550
Radar	2879	2879	2879	2879
Electronic Warfare	198304	198304	198304	198304
Navigational Aids	5367	5367	5367	5367
11	1441135	1441135	1441135	1441135
Ships	1364686	1364686	1364686	1364686
Weapons Sys	76449	76449	76449	76449
13	56687	56687	56687	56687
14	196100	196100	196100	196100
TOTAL	1900472	1900472	1900472	1900472

NOTE: Table 14.1.d: **Last Source of Repair Workload**
Provided by NAVSEA Headquarters

5

14. Other Workloads (Above Core), continued

15

Table 14.1.d: **Last Source of Repair Workload**

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
7	206550	206550	206550	206550
Radar	2879	2879	2879	2879
Electronic Warfare	198304	198304	198304	198304
Navigational Aids	5367	5367	5367	5367
11	1441135	1441135	1441135	1441135
Ships	1364686	1364686	1364686	1364686
Weapons Svs	76449	76449	76449	76449
14	252787	252787	252787	252787
TOTAL	1900472	1900472	1900472	1900472

NOTE: Table 14.1.d: **Last Source of Repair Workload**
Provided by NAVSEA Headquarters

14. Other Workloads (Above Core), continued

Table 14.1.d: **Last Source of Repair Workload**

22

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
7.1 Radar	4430	4430	4430	4430
7.2 Radio Comm	6203	6203	6203	6203
7.4 Elec Warfare	201406	201406	201406	201406
7.5 Nav Aids	10019	10019	10019	10019
11.1 Ships	1373993	1373993	1373993	1373993
11.2 Weapons Sys	76449	76449	76449	76449
11.3 Ship/S.board S	63584	63584	63584	63584
11.4 Shipyard Supp	113210	113210	113210	113210
13.3 TMDE	32568	32568	32568	32568
15.0 Manufacturing	18610	18610	18610	18610
TOTAL	1900472	1900472	1900472	1900472

NOTE: Table 14.1.d: **Last Source of Repair Workload**
Provided by NAVSEA Headquarters

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
7.1 Radar	592	910	948	4008
7.2 Radio Comm	829	1275	1327	5614
7.4 Elec Warfare	26920	41390	43093	182265
7.5 Nav Aids	1339	2059	2143	9067
11.1 Ships	183647	282365	293979	1243412
11.2 Weapons Sys	10218	15711	16357	69183
11.3 Ship/S.board S	8499	13067	13604	57541
11.4 Shipyard Supp	15132	23265	24223	102452
13.3 TMDE	4353	6693	6968	29472
15.0 Manufacturing	2487	3825	3982	16824
TOTAL	254016	390560	406624	1719856

NOTE: Table 14.1.d: **Last Source of Repair Workload**
Provided by NAVSEA Headquarters

14. Other Workloads (Above Core), continued

5

Table 14.1.e: **Within Service Above Core Workload**

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
7	316662	316662	316662	316662
Radar	4414	4414	4414	4414
Electronic Warfare	304020	304020	304020	304020
Navigational Aid	8228	8228	8228	8228
11	2209403	2209403	2209403	2209403
Ships	2092200	2092200	2092200	2092200
Weapons Sys	117203	117203	117203	117203
13 Calibration	86906	86906	86906	86906
14	300640	300640	300640	300640
TOTAL	2913611	2913611	2913611	2913611

NOTE:Table 14.1.e: **Within Service Above Core Workload**
Provided by NAVSEA Headquarters

14. Other Workloads (Above Core), continued

Table 14.1.e: **Within Service Above Core Workload**

15

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
7	317328	317328	317328	317328
Radar	4423	4423	4423	4423
Electronic Warfare	304659	304659	304659	304659
Navigational Aid	8246	8246	8246	8246
11	2214050	2214050	2214050	2214050
Ships	2096600	2096600	2096600	2096600
Weapons Sys	117450	117450	117450	117450
14	388361	388361	388361	388361
TOTAL	2919739	2919739	2919739	2919739

NOTE:Table 14.1.e: **Within Service Above Core Workload**
Provided by NAVSEA Headquarters

14. Other Workloads (Above Core), continued

Table 14.1.e: **Within Service Above Core Workload**

22

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
7.1 Radar	6806	6806	6806	6806
7.2 Radio Comm	9530	9530	9530	9530
7.4 Elec Warfare	309424	309424	309424	309424
7.5 Nav Aids	15394	15394	15394	15394
11.1 Ships	2110894	2110894	2110894	2110894
11.2 Weapons Sys	117450	117450	117450	117450
11.3 Ship/S.board S	97685	97685	97685	97685
11.4 Shipyard Supp	173928	173928	173928	173928
13.3 TMDE	50034	50034	50034	50034
15.0 Manufacturing	28594	28594	28594	28594
TOTAL	2919739	2919739	2919739	2919739

NOTE:Table 14.1.e: **Within Service Above Core Workload**
Provided by NAVSEA Headquarters

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
See Note, Table 14.1.a				

NOTE:Table 14.1.e: **Within Service Above Core Workload**
Provided by NAVSEA Headquarters

14. Other Workloads (Above Core), continued

5

Table 14.1.f: **Low Quantity Above Core Workload**

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
See Note, Table 14.1.a				
TOTAL				

14. Other Workloads (Above Core), continued

15

Table 14.1.f: **Low Quantity Above Core Workload**

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
See Note, Table 14.1.a				
TOTAL				

14. Other Workloads (Above Core), continued

Table 14.1.f: **Low Quantity Above Core Workload**

22

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
See Note, Table 14.1.a				
TOTAL				

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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
See Note, Table 14.1.a				
TOTAL				

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Workload and Capabilities, continued Primary UIC: 00311

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** 15

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
See Note, Table 14.1.a				
TOTAL				

Workload and Capabilities, continued Primary UIC: 00311

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**

22

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
7.1 Radar	7486	7486	7486	7486
7.2 Radio Comm	10484	10484	10484	10484
7.4 Elec Warfare	340376	340376	340376	340376
7.5 Nav Aids	16932	16932	16932	16932
11.1 Ships	2322043	2322043	2322043	2322043
11.2 Weapons Sys	129198	129198	129198	129198
11.3 Ship/S.board S	107457	107457	107457	107457
11.4 Shipyard Supp	191326	191326	191326	191326
13.3 TMDE	55039	55039	55039	55039
15.0 Manufacturing	31451	31451	31451	31451
TOTAL	3211792	3211792	3211792	3211792

NOTE: All designated CORE is unique to NSYs

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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
7.1 Radar	7486	7486	7486	7486
7.2 Radio Comm	10483	10483	10483	10483
7.4 Elec Warfare	340376	340376	340376	340376
7.5 Nav Aids	16933	16933	16933	16933
11.1 Ships	2322044	2322044	2322044	2322044
11.2 Weapons Sys	129198	129198	129198	129198
11.3 Ship/S.board S	107457	107457	107457	107457
11.4 Shipyard Supp	191326	191326	191326	191326
13.3 TMDE	55039	55039	55039	55039
15.0 Manufacturing	31451	31451	31451	31451
TOTAL	3211792	3211792	3211792	3211792

NOTE: All designated CORE ship work is unique to NSYs

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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.

5

Table 15.2: **Non-Core Unique and/or Peculiar Workload**

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
See Note, Table 14.1.a				
TOTAL				

Workload and Capabilities, continued Primary UIC: 00311

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** 15

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
See Note, Table 14.1.a				
TOTAL				

Workload and Capabilities, continued Primary UIC: 00311

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**

22

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
7.1 Radar	11236	11236	11236	11236
7.2 Radio Comm	15733	15733	15733	15733
7.4 Elec Warfare	510830	510830	510830	510830
7.5 Nav Aids	25413	25413	25413	25413
11.1 Ships	3484887	3484887	3484887	3484887
11.2 Weapons Sys	193899	193899	193899	193899
11.3 Ship/S.board S	161269	161269	161269	161269
11.4 Shipyard Supp	287138	287138	287138	287138
13.3 TMDE	82602	82602	82602	82602
15.0 Manufacturing	47204	47204	47204	47204
TOTAL	4820211	4820211	4820211	4820211

NOTE: All Non-CORE ship work is unique to NSYs

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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
7.1 Radar	592	910	948	4008
7.2 Radio Comm	829	1275	1327	5614
7.4 Elec Warfare	26920	41390	43093	182265
7.5 Nav Aids	1339	2059	2143	9067
11.1 Ships	183647	282365	293979	1243412
11.2 Weapons Sys	10218	15711	16357	69183
11.3 Ship/S.board S	8499	13067	13604	57541
11.4 Shipyard Supp	15132	23265	24223	102452
13.3 TMDE	4353	6693	6968	29472
15.0 Manufacturing	2487	3825	3982	16824
TOTAL	254016	390560	406624	1719856

NOTE: All Non-CORE ship work is unique to NSYs

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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
None	

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

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
Ship Availabilities	♦ As a DBOF activity the customer (Type Commander, NAVSEA, etc.) must normally interface closely with the shipyard to define the work package, negotiate the price, transfer funds and resolve any growth or new work items as the availability progresses. ♦ Due to the size (10,000 to 250,000 mandays), duration (2 to 24 months) and cost ($10M to $300M) of ship availabilities, the shipyard and customers must coordinate closely on a continuous basis. ♦ Allows for good cost control, tailoring of the work package to the customer's needs and rapid resolution of problems that could cause significant cost or scheduled impact.
Emergency Radiological Support	♦ As a fully capable nuclear repair and support depot, the shipyard maintains the capability to provide trained personnel, equipment and supplies on short notice to support control and recovery actions at remote sites in the event of a radiological emergency. ♦ The shipyard would work closely with the Area Commander and technical authorities to ensure a rapid and coordinated response to better enable the involved activity to control and recover from the incident.
Voyage Repairs	♦ Short notice repair work involving significant equipment or structural damage, normally small in scope, to operational vessels that must be repaired quickly. ♦ As there is little or no advance planning and the response time frame is short, the shipyard must work closely with the customer (Type

	♦ May involve short notice drydocking requirement to accomplish repairs.
	♦ Benefit is rapid turnaround of a vessel required to meet operational commitments.
Collision Damage	♦ A special category of "voyage repairs", normally involving extensive repairs.
Battle Damage	♦ A special category of "voyage repairs", with the potential for a wide range of significance and scope.
Other Productive Work (OPW)	♦ Also known as "Non-Traditional Work"
	♦ Work not normally considered as directly supporting naval vessels.
	♦ Wide range of non-traditional customers (Navy, Marines, Air Force, Army, State of Hawaii).
	♦ Large number of small jobs.
	♦ Unusual or infrequently performed work.
	♦ Requires closer coordination between shipyard and customer.
	♦ Used to level load the shipyard's workforce when there is insufficient naval work to fully load the available workforce.
	♦ Reduces shipyard revenue losses, helps hold down the stabilized manday rate, provides an additional source of revenue.

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)?

Pearl Harbor Naval Shipyard's backlog of real property maintenance is $40,470K.

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)	$15,133	$13,929	$18,243	$16,800

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)	$328,160	$334,809	$333,604	$330,115
$ / DLH	$65.66	$69.94	$65.00	$71.90

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 20.1.

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	2,139 K	2,139K	2,139 K	2,139K				
Programmed					2,756 K	2,519K	2,384K	2,383K

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?

$0 at this time.

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	$16.93	$17.62	$18.36	$19.03

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)	$19,025	$7,300	$2680	$1800

* Programmed but not funded

[1]There are inherent differences in organizational structure and accounting systems across the Services. Consequently, cost accumulations vary considerably. This severely limits the comparability of the cost per direct labor hour ($/DLH) rates across Service lines.

BRAC-95 CERTIFICATION

CAPACITY ANALYSIS DATA CALL #9 - INCLUDING JOINT CROSS SERVICES SUPP.

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

Fred H. Gehrman, Jr., Capt., USN
NAME (Please type or print)

Signature

Shipyard Commander
Title

07 September 1994
Date

Pearl Harbor Naval Shipyard
Activity

UIC N00311

Data Being Certified: BRAC 95 Data Call Number 9, Pearl Harbor Naval Shipyard

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

NEXT ECHELON LEVEL (if applicable)

Edward L. Shelton

NAME (Please type or print) Signature

Deputy Commander for Naval Shipyard and SUPSHIP Management and Field Activity Support Directorate (Acting)

Title Date 9/8/94

Naval Sea Systems Command

Activity

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

MAJOR CLAIMANT LEVEL

NAME (Please type or print) Signature

G. R. STERNER
Commander
Naval Sea Systems Command

Title Date 9/8/94

Activity

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

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

W. A. EARNER

NAME (Please type or print) Signature

UIC N00311

Data Being Certified: BRAC 95 Data Call Number 9. Pearl Harbor Naval Shipyard. Revisions

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

NEXT ECHELON LEVEL (if applicable)

William H. Ryzewic

NAME (Please type or print)

W. H. Ryzewic

Signature

Executive Director for Naval Shipyard and SUPSHIP Management and Field Activity Support Directorate

Title

9/13/94

Date

Naval Sea Systems Command

Activity

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

MAJOR CLAIMANT LEVEL

NAME (Please type or print)

R. STERNER

Commander
Naval Sea Systems Command

Title

S. R. Sterner

Signature

9/13/94

Date

Activity

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

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

J. B. GREENE, JR.

NAME (Please type or print)

Signature

ACTING

1994

BRAC-95 CERTIFICATION

REVISION _ 9/12/94 TO JOINT CROSS SERVICES SUPPLEMENT: Table of Contents, pages 5R-9R
CAPACITY ANALYSIS DATA CALL #9 - INCLUDING JOINT CROSS SERVICES SUPP.

Reference: SECNAVNOTE 11000 of 08 December 1993

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

ACTIVITY COMMANDER

Fred H. Gehrman, Jr., Capt., USN
NAME (Please type or print)

Signature

Shipyard Commander
Title

9/12/94
Date

Pearl Harbor Naval Shipyard
Activity

116

Data Being Certified: BRAC 95 Data Call Number 9, Supplemenal, Joint Cross Service Group - Depot Maintenance Tables 12-15, Pearl Harbor Naval Shipyard.

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

MAJOR CLAIMANT LEVEL

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

Signature

Date 9/13/94

Activity

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

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

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

ACTING
Title

Signature

Date 14 SEP 1994

5

UIC N00311

Data Being Certified: BRAC 95 Data Call Number 9, Supplemental, Joint Cross Service Group - Depot Maintenance Tables 1.1a and 1.2a, Pearl Harbor Naval Shipyard.

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

MAJOR CLAIMANT LEVEL

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

Signature

Title

Date 9/29/94

Activity

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

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

W. A. EARNER

NAME (Please type or print)

Signature

Title

Date 9/30/94

5

UIC N00311

Data Being Certified: BRAC 95 Data Call Number 9, Supplemenal, Joint Cross Service Group - Depot Maintenance Tables 12-15, Pearl Harbor Naval Shipyard.

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

MAJOR CLAIMANT LEVEL

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

Signature

Date 9/29/94

Activity

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

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

W. A. EARNER

NAME (Please type or print)

Signature

Title

Date 9/30/94

116

UIC N00311

Data Being Certified: BRAC 95 Data Call Number 9, Supplemenal, Joint Cross Service Group - Depot Maintenance Table 1.2a, Pearl Harbor Naval Shipyard, Revision.

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 S. R. Sterner

Date 10-4-94

Title B. STERNER
Commander
Naval Sea Systems Command

Activity

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

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

NAME (Please type or print) Signature

Title Date 10/5/94

10

116

UIC N00311

Data Being Certified: BRAC 95 Data Call Number 9, Pearl Harbor Naval Shipyard, Revision

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

NEXT ECHELON LEVEL (if applicable)

William H. Ryzewic

NAME (Please type or print) Signature

Executive Director for Naval Shipyard and SUPSHIP Management and Field Activity Support Directorate

9/21/94

Title Date

Naval Sea Systems Command

Activity

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

MAJOR CLAIMANT LEVEL

NAME (Please type or print) Signature

G. R. STERNER
Commander
~~Naval Sea Systems Command~~

9/21/94

Title Date

Activity

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

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

NAME (Please type or print) Signature

10

BRAC-95 CERTIFICATION

JOINT CROSS SERVICE SUPPLEMENT, Tables ~~1.1.a, 1.2.a,~~ 1.3.a, 3.1.a, 3.1.b, and 7.1

TO BE PROVIDED BY NAVSEA.
N. H. Coleman 9/21/94

Reference: SECNAVNOTE 11000 of 08 December 1993

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

ACTIVITY COMMANDER

Fred H. Gehrman, Jr., Capt., USN
NAME (Please type or print)

Signature

Shipyard Commander
Title

20 September 1994
Date

Pearl Harbor Naval Shipyard
Activity

UIC N00311

Data Being Certified: BRAC 95 Data Call Number 9, Supplemental Joint Cross Service Group - Depot Maintenance, Revised Table 1.3.a, Table 3.1.a, and Table 3.1.b, Pearl Harbor Naval Shipyard

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

MAJOR CLAIMANT LEVEL

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

Signature

10/7/94
Date

Activity

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

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

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

Signature

Title

10/7/94
Date

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

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

ACTIVITY COMMANDER

Reginald J. Erman, CAPT, USN
NAME (Please type or print)

Signature

Acting Commander
Title

10/6/94
Date

Pearl Harbor Naval Shipyard
Activity

Data being certified:
JOINT CROSS SERVICE SUPPLEMENT, Tables 1.3.a, 3.1.a, and 3.1.b

UIC N00311

Data Being Certified: BRAC 95 Data Call Number 9, Supplemental Joint Cross Service Group - Depot Maintenance, Revised Table 1.1.a, Table 1.2.a, and Tables 12-15 provided by NAVSEA, Pearl Harbor Naval Shipyard

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

MAJOR CLAIMANT LEVEL

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

Signature

10/7/94
Date

Activity

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

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

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

Signature

Title

10/7/94
Date

UIC N00311

Data Being Certified: BRAC 95 Data Call Number 9, Supplemental Joint Cross Service Group - Depot Maintenance, Revised Tables 12-15 provided by NAVSEA, Pearl Harbor Naval Shipyard.

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

MAJOR CLAIMANT LEVEL

E. S. MCGINLEY, II
NAME (Please type or print)

Signature

Acting Commander
Title

10/19/94
Date

Naval Sea Systems Command
Activity

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

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

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

Signature

Title

10/19/94
Date

Document Separator

Puget Sound

Primary UIC: **00251**

Puget Sound NSYD

DATA CALL SUPPLEMENT
FOR
JOINT CROSS SERVICE GROUP - DEPOT MAINTENANCE

CAPACITY

1. Capacity Utilization

1.1 Calculate the capacity index for the commodity groups applicable to depot maintenance work at your activity. Provide your answers expressed in direct labor hours (DLHs) in Table 1.1.a by commodity groups for the Fiscal Years requested.

Table 1.1.a: **Capacity Index**

R

COMMODITY GROUP	INDEX (DLHs)				
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999
7. (Radio Comm.)	11,396	11,396	11,396	11,396	11,396
7. (Nav. Aids)	45,586	45,586	45,586	45,586	45,586
7. (E-O/ N.V.)	56,982	56,982	56,982	56,982	56,982
11. (Ships)	12,142,566	13,124,566	12,336,566	13,036,566	12,954,566
13. (Calibration)	56,449	56,449	56,449	56,449	56,449
14.	1,735,021	1,735,021	1,735,021	1,735,021	1,735,021
TOTAL	14,048,000	15,030,000	14,242,000	14,942,000	14,860,000

Puget Sound NSYD

Primary UIC: N00211

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	
7 Radio Communication	10276	10276	10276	10276	10276	R
7 Navigational Aids	41106	41106	41106	41106	41106	R
7 Electro-optics /Night Vision	51383	51383	51383	51383	51383	R
11 Ships	11521868	11521868	11521868	11521868	11521868	R
14 Other	1615429	1615429	1615429	1615429	1615429	R
TOTAL	13240062	13240062	13240062	13240062	13240062	R

Table 1.1.a data provided by NAVSEA Headquarters R

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
7.2 Radio Communication	10276	10276	10276	10276	10276
7.5 Navigational Aids	41106	41106	41106	41106	41106
7.6 Electro-optics /Night Vision	51383	51383	51383	51383	51383
11.1 Ships	10439851	10439851	10439851	10439851	10439851
11.3 Ship/Shipboard Support	532023	532023	532023	532023	532023
11.4 Shipyard Support	513988	513988	513988	513988	513988
11.5 Design Services	1082080	1082080	1082080	1082080	1082080
13.3 TMDE	52301	52301	52301	52301	52301

Primary UIC: 00251

.. **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**

R

COMMODITY GROUP	INDEX (%)				
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999
7. (Radio Comm.)	88.6%	91.3%	93.9%	96.5%	100.9%
7. (Nav. Aids)	88.6%	91.3%	93.9%	96.5%	100.9%
7. (E-O/ N.V.)	88.6%	91.3%	93.9%	96.5%	100.9%
11. (Ships)	95.9%	82.5%	87.5%	84.1%	90.4%
13. (Calibration)	88.6%	92.1%	93.9%	95.7%	97.4%
14.	95.6%	93.1%	93.9%	95.4%	96.3%
TOTAL	95.8%	83.9%	88.3%	85.5%	91.2%

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	
7. Radio Comm,	98	101	105	107	112	R
7. Nav Aids,	98	101	105	107	112	R
7. Eo/nv	98	101	105	107	112	R
11 Ships	99	85	81	71	84	R
13. Calibration	98	102	104	106	108	R
14. Other	106	103	104	106	107	R

Table 1.2.a data provided by NAVSEA Headquarters. R

Primary UIC: 00251

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**

17

COMMODITY GROUP	INDEX (%)					
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	
7. Radio Comm,	98	101	105	107	112	
7. Nav Aids,	98	101	105	107	112	
7. Eo/nv	98	101	105	107	112	
11 Ships	99	85	81	71	84	
14. Other	106	103	104	106	107	
11 Ships (Drydock) (Total)	99	85	81	71	84	R
7, 13, 14 Total	105	103	104	106	107	R

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
7.2 Radio Communication	98	101	104	107	112
7.5 Navigational Aids	98	101	104	107	112
7.6 Electro-optics /Night Vision	98	101	104	107	112
11.1 Ships	99	85	81	71	84
11.3 Ship/Shipboard Support	109	102	103	106	107
11.4 Shipyard Support	104	104	105	106	107
11.5 Design Services	111	111	111	111	111
13.3 TMDE	105	105	105	105	105
15.0 Manufacturing	104	103	104	106	107
11 Ships	99	85	81	71	84

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**

12

COMMODITY GROUP	INDEX (DLHs)				
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999
7. (Radio Comm.)	11,396	11,396	11,396	11,396	11,396
7. (Nav. Aids)	45,586	45,586	45,586	45,586	45,586
7. (E-O/ N.V.)	56,982	56,982	56,982	56,982	56,982
11. (Ships)	12,142,566	13,124,566	12,336,566	13,036,566	12,954,566
13 (Calibration)	56,449	56,449	56,449	56,449	56,449
14	1,735,021	1,735,021	1,735,021	1,735,021	1,735,021
TOTAL	14,048,000	15,030,000	14,242,000	14,942,000	14,860,000

ry UIC: 00251

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**

17

COMMODITY GROUP	INDEX (DLHs)				
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999
7. (Radio Comm.)	11,396	11,396	11,396	11,396	11,396
7. (Nav. Aids)	45,586	45,586	45,586	45,586	45,586
7. (E-O/ N.V.)	56,982	56,982	56,982	56,982	56,982
11. (Ships)	12,198,758	13,184,686	12,393,534	13,096,334	13,014,006
13 (Calibration)	56,449	56,449	56,449	56,449	56,449
14	1,735,021	1,735,021	1,735,021	1,735,021	1,735,021
TOTAL	14,104,192	15,090,120	14,298,968	15,001,768	14,919,440

Primary UIC: **00251**

.. 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**

R

COMMODITY GROUP	INDEX (DLHs)				
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999
7.0 Ground and Shipboard Communications and Electronic Equipment					
7.2 Radio Communications	11,396	11,396	11,396	11,396	11,396
7.5 Navigational Aids	45,586	45,586	45,586	45,586	45,586
7.6 Electro-Optics/Night Vision	56,982	56,982	56,982	56,982	56,982
11.0 Sea Systems					
11.1 Ships	10,998,828	11,984,756	11,193,604	11,896,404	11,814,076
11.3 Ship/Shipboard Support	590,000	590,000	590,000	590,000	590,000
11.4 Shipyard Support	570,000	570,000	570,000	570,000	570,000
11.5 Design Services	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000
13.0 Special Interest Items					
13.3 TMDE	58,000	58,000	58,000	58,000	58,000
15. Manufacturing	573,400	573,400	573,400	573,400	573,400
TOTAL	14,104,192	15,090,120	14,298,968	15,001,768	14,919,440

Primary UIC: 00251

PACITY

[redacted]. 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	1,947,880	2,006,324	2,066,524	2,128,507	2,192,351
Equipments	323,597	323,597	323,597	323,597	323,597
TOTAL	2,271,477	2,329,921	2,390,121	2,452,104	2,515,948

NOTE: PRV 1,892,967 NAVSEA data plus $99M MCM/MC for FY 94. Costs escalated 2.8% for 94, 2.9% to 95, and 3% for each successive year. Projected capital construction added to each year and escalated.

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.

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Table 3.1.a: **Programmed Workload**

COMMODITY GROUP	$ K				
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999
7. (Radio Comm.)	524	535	561	588	630
7. (Nav. Aids)	2,095	2,138	2,244	2,353	2,521
7. (E-O/ N.V.)	2,619	2,673	2,805	2,941	3,152
11. (Ships)	616,197	580,074	587,431	606,732	658,808
13. (Calibration)	3,308	3,410	3,545	3,685	3,846
14.	86,038	83,069	85,393	88,551	91,531
TOTAL	710,781	671,899	681,979	704,850	760,488

Table 3.1.b: **Programmed Workload**

COMMODITY GROUP	DLHs				
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999
7. (Radio Comm.)	10,100	10,400	10,700	11,000	11,500
7. (Nav. Aids)	40,400	41,600	42,800	44,000	46,000
7. (E-O/ N.V.)	50,500	52,000	53,500	55,000	57,500
11. (Ships)	11,644,000	10,834,000	10,791,000	10,958,000	11,712,000
13.	50,000	52,000	53,000	54,000	55,000

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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
7. (Radio Comm.)	524	535	561	588	630
7. (Nav. Aids)	2,095	2,138	2,244	2,353	2,521
7. (E-O/ N.V.)	2,619	2,673	2,805	2,941	3,152
11. (Ships)	619,682	583,527	591,045	610,341	662,648
13. Calibration)	3,308	3,410	3,545	3,685	3,846
14.	86,038	83,069	85,393	88,551	91,531
TOTAL	714,266	675,352	685,593	708,459	764,328

Table 3.1.b: **Programmed Workload**

COMMODITY GROUP	DLHs				
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999
7. (Radio Comm.)	10,100	10,400	10,700	11,000	11,500
7. (Nav. Aids)	40,400	41,600	42,800	44,000	46,000
7. (E-O/ N.V.)	50,500	52,000	53,500	55,000	57,500
11. (Ships)	11,709,864	10,898,480	10,857,384	[illegible]	[illegible]

P' 'nary UIC: **00251**

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
7.0 Ground and Shipboard Communications and Electronic Equipment					
7.2 Radio Communications	524	535	561	588	630
7.5 Navigational Aids	2,095	2,138	2,244	2,353	2,521
7.6 Electro-Optic Night Vision	2,619	2,673	2,805	2,941	3,152
11.0 Sea Systems					
11.1 Ships	556,181	519,277	525,720	543,898	595,148
11.3 Ship/Shipboard Support	30,420	28,235	29,003	30,492	31,367
4 Shipyard Support	27,903	27,826	28,559	29,327	30,277
Design Services	63,502	64,250	65,324	66,442	67,500
3.0 Special Interest Items					
13.3 TMDE	2,875	2,852	2,908	2,967	3,041
15. Manufacturing	28,147	27,566	28,469	29,451	30,692
TOTAL	714,266	675,352	685,593	708,459	764,328

F nary UIC: **00251**

Table 3.1.b: **Programmed Workload**

COMMODITY GROUP	DLHs				
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999
7.0 Ground and Shipboard Communications and Electronic Equipment					
7.2 Radio Communications	10,100	10,400	10,700	11,000	11,500
7.5 Navigational Aids	40,400	41,600	42,800	44,000	46,000
7.6 Electro-Optics/Night Vision	50,500	52,000	53,500	55,000	57,500
11.0 Sea Systems					
11.1 Ships	10,509,864	9,698,480	9,657,384	9,823,168	10,580,264
11.3 Ship/Shipboard Support	581,870	544,600	548,500	565,300	567,300
11.4 Shipyard Support	533,730	536,700	540,100	543,700	547,600
11.5 Design Services	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000
13.0 Special Interest Items					
13.3 TMDE	55,000	55,000	55,000	55,000	55,000
15. Manufacturing	538,400	531,700	538,400	546,000	555,100
TOTAL	13,519,864	12,670,480	12,646,384	12,843,168	13,620,264

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APACITY

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.

Although we are not the Center of Excellence for any one commodity type group we are the Designated Overhaul Point (DOP) and/or Certified Overhaul Activity (COA) for the following commodity sub-groups:

COA	DOP
NTDS Equipment	Air Particle Detectors
WSN-1 and 3 Blower Boxes	TLD Readers
Type 2, 8, 15 & 18 Periscopes	

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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.

Activity	Location
Puget Sound Naval Shipyard	Bremerton, Washington

Description of Strategic Importance/Military Value

Only fully-capable nuclear Naval Shipyard on the West Coast following the closure of Mare Island Naval Shipyard. Can provide all repair and alteration services to every class of naval shipyard craft.

This Shipyard is designing and will staff an Industrial Support and depot-maintenance facility for CVNs home ported at Naval Air Station North Island, San Diego, California.

Strategically located to meet maintenance and repair needs of military units in the Far East. Accomplish RAV/TAVs and SRAs using Tiger Teams on all classes of naval ships anywhere in the world. Support major dry docking SRAs of Los Angeles class submarines stationed in San Diego and Hawaii.

Strategically located with the available facilities to serve as home port for naval ships. Ships currently home ported are: USS SACRAMENTO (AOE 1), USS CAMDEN (AOE 2), USS NIMITZ (CVN 68), USS TRUXTUN (CGN 35), USS CALIFORNIA (CGN 36), AND USS ROANOKE (AOR 7). USS ARKANSAS (CGN 41) and USS RANIER (AOE 7) will be added in 1994. One additional AOE 6 class ship will be added in the mid-1990's.

Provide 1156 units of regional family housing for military members and

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nd Ship Recycling programs. Hanford is the only DoE approved burial site for Navy reactor compartments.

In close proximity to Naval Base Seattle and are able to supply tug and pilot services as assigned during times of peak activity.

Location allows this Shipyard to coordinate and perform depot-level maintenance EDRA off-yard on SSBN 726 class submarines at Trident Repair Facility, Bangor, Washington.

Provide maintenance support to other regional activities such as:

Fleet and Industrial Supply Center, Puget Sound

SUBASE Bangor and Trident Refit Facility, Bangor, Washington

Pacific Fleet Polaris Material Office

Pacific Fleet Integrated Logistics Overhaul Team

Naval Undersea Warfare Center, Keyport

Naval Telecommunications Center

13th Coast Guard District, Seattle, Washington

17th Coast Guard District, Juneau, Alaska

Defense Reutilization and Marketing Office

Headquarters I Corps and Fort Lewis

Defense Distribution Depot Puget Sound

Naval Base Seattle

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ographic, 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

Puget Sound Naval Shipyard is in full compliance with all Federal, state, and local regulations.

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

3.

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eographic, 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.

NONE

3.2 Within what provisions must the activity operate with regard to disposal of hazardous wastes and radioactive materials?

Type	Provisions	Describe
Federal	40 CFR 260-272	Federal hazardous waste storage and disposal regulations
State	WAC 173-303	Washington Administrative Code Dangerous Waste regulations
ocal	NAVSHIPYDPUGETINST P5090.B	Puget Sound Naval Shipyard Hazardous Waste Management Plan
Radioactive Waste	Commercial disposal site at Hanford	Site is regulated by the State of Washington.
Mixed Waste (radioactive and hazardous)	No current disposal provisions	Waste is stored on base. Storage at D.O.E. site at Hanford, Richland, Washington is being arranged.

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ographic, 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.

Collocated Activity	Benefit/Relationship	Describe Impact
Branch Clinic - PSNS	Provides medical surveillance and routine medical service to Shipyard civilian and military employees, and Tenant activity personnel. Provides emergency service for area personnel.	Immediate emergency care; nearest other facility is 5-7 minutes away. Having facility available reduces cost to gov't for these types of services.
COMSUBPAC/COMNAVSURFPAC/ COMNAVAIRPAC Shipyard Representatives	Provides Shipyard POCs for customer/Shipyard support of ships during in-yard availabilities.	Decreases response time for resolving conflicts with schedules, new work and other routine admin.
Navy Legal Service Office	Provides legal assistance to Shipyard military employees and military Tenant Activities; Navy JAG services.	Reduced legal costs to Government; speedy processing of military legal matters.
Personnel Support Activity Detachment	Provides admin, payroll and travel support for Shipyard military employees and Tenant activity military personnel.	Local, convenient, expeditious response to military personnel matters

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:fice	Activities.	Quick turn-around.
Naval Reactors Representative Office	Provides customer oversight of nuclear work conducted by the Shipyard, and POC for administrative and technical matters under the cognizance of SEA 08.	Accessibility; timely response.
Reactor Plant Contractor's Office	Provides technical oversight and resolution of reactor plant related issues for ships undergoing Shipyard availability.	Accessibility; timely response.
Naval Audit Office, Puget Sound	Provides full auditing services as requested by the Shipyard or as directed by higher authority.	Oversight of operations.
aval Inactive Ship Maintenance Facility	Provides oversight of inactive ships, including maintenance, and preservation.	Maintains ability to reactivate ships.
Navy Crane Center - On Site Representative	Provides assistance and oversight in area of crane maintenance and operations.	Fast response to crane technical matters requiring Headquarters approval.
Supervisor of Shipbuilding, Conversion and Repair - NIMITZ Field Office	Provides customer oversight and assistance in the administration and logistics of CVN 68 Class carrier work	Decreases response time for resolving conflicts with schedules, new

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		criminal investigation.
Naval Reserve Center, Naval Reserve Maintenance Training Facility	Provide drill opportunity for Shipyard civilian employees and reservists in the local area; gives the Shipyard use of technical assistance.	Decreases and commute time to other areas; technical assistance at no cost to the Shipyard.
Naval Undersea Warfare Center Detachment, Norfolk, Puget Field Office	Provides assistance for various weapons and related electronic systems for ships undergoing Shipyard availability.	Quick response to resolve problems.
Navy Surface Warfare Center, Carderock Division	Provides operational support and management of the weapons ranges and ship acoustic research; ship testing at end of Shipyard availability.	Fleet readiness.
Navy Campus	Provides educational counseling and testing for Shipyard military employees and military Tenant activities.	Educational opportunities; increased professional development.
Naval Dental Clinic	Provides dental services for Shipyard military employees and military Tenant activities.	Immediate emergency care; reduces load at other local military dental facilities.
Resident Officer in Charge of Construction	Provides assistance to the Shipyard Facilities and Maintenance Officer	Decreased costs; contracts

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acility	to home ported ships and those undergoing Shipyard availability.	
DECA Commissary Store	Provides groceries for eligible military and retired military patrons.	Convenience and increased quality of life for military personnel and their dependents.
Defense Finance and Accounting Service	Provides local payroll and cost accounting support for the Shipyard.	Increased response time in resolving problems with remote accounting sites.
United States Postal Service	Provides mail services for Shipyard and Tenant activities.	Quick processing of large volumes of incoming and outgoing mail; vital written communications.

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.2 Do collocated activities support, or are they supported by, the depot maintenance activity?

Collocated Activity Describe Relationship

The activities listed in paragraph 4.1 provide support functions and enhance the Shipyard's mission as previously discussed.

In most cases, the Shipyard provides physical support to these collocated activities (Tenant and Satellite activities) in the form of buildings or other structures, including building/structure maintenance.

Collocated activities pay their share of costs as agreed via ISSA's and MOU's.

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

The Shipyard is the major customer for most of the activities listed in paragraph 4.1. Therefore, these activities being not collocated within close proximity to the Shipyard's Controlled Industrial Area would severely impact their support of the Shipyard and would thus impair the Shipyard's mission. For those activities involved in engineering/technical support, even being located within a 20-30 minute commuting distance would delay support of critical evolutions involving technical or maintenance problem resolution. Not having timely resolution of technical problems, especially those involving naval nuclear work, would add substantially to the customer's cost of repair work.

The Shipyard is a large home port activity, therefore, for activities involved in personnel or administrative support, not being collocated would cause personnel to travel to the activity to receive the necessary service, which would not be beneficial to either the customer or the service provider. Or, the provider of the service would ıve to commute to the Shipyard, thus reducing that organization's ffectiveness.

This discussion assumes the presently collocated activities stay within commuting distance from the Shipyard. The impact is obviously different if the services presently provided by the collocated activities become totally unavailable.

The above discussion applies to all the listed collocated activities which are re-listed for clarity:

Branch Clinic - PSNS

COMSUBPAC/COMNAVSURFPAC/COMNAVAIRPAC Shipyard Representatives

Navy Legal Service Office

Personnel Support Activity Detachment

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aval Audit Office, Puget Sound

Naval Inactive Ship Maintenance Facility

Navy Crane Center - On Site Representative

Supervisor of Shipbuilding, Conversion and Repair - NIMITZ Field Office

Naval Criminal Investigative Service

Naval Reserve Center, and Naval Reserve Maintenance Training Facility

Naval Undersea Warfare Center Detachment, Norfolk, Puget Field Office

Navy Surface Warfare Center, Carderock Division

Navy Campus

Naval Dental Clinic

Resident Officer in Charge of Construction

aval Reserve Maintenance Training Facility

DECA Commissary Store

Defense Finance and Accounting Service

United States Postal Service

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ɔographic, continued

5. Encroachment

5.1 Have operations at this activity been at all constrained to accommodate requests of the local communities?

Type of Encroachment	Operation Impacted	Describe
Federal, State, & Local Regulatory Requirements and oversight	Projects which require in-water construction to support mooring inactive and home-ported ship.	Claim by Suquamish Tribe that a new mooring would impact their fishing area resulted in cancellation of plan for a mooring buoy. This has also delayed, via permitting process, dredging and pier upgrades for AOE6 homeporting and mooring upgrades for inactive submarine mooring.

5.2 Indicate any encroachment constraints on current or future operations that would restrict future expansion.

ype of Encroachment	Constraint on Expansion	Describe
Federal, State, & Local Regulatory Requirements and oversight	Projects would be altered or delayed which require in-water construction to support mooring inactive and homeported ships.	Tribal claims of impact from, or jurisdication over, in-water projects contain risks as experienced above.

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EASURES 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
Louis Allis Power System (LAPS) Test Stand	LAPS Generator (7,200 RPM) provides high frequency pulse signals to SQS26 Sonar. Only test facility in existence. Test conducted in a noise damping, run-out proof enclosure.
NTDS - Land Based Test Site	Designated west coast site for Land Based Naval Tactical Data System. Equipment is unique to the government and designed especially for use in Combat Direction Systems on navy ships. Simulates complete ship configurations.
Periscope Test Tower	Only West Coast facility depot certified to optically, electrically, mechanically test Type 2,8,15,18 Periscopes. Can conduct complete operational system test for Type 18 Periscopes. (Periscope, Eye Box, E&E Adapter).
Pump Valve Test Facility	In 1992 a new Pump Valve Test Facility was completed at a cost of 10.1 million dollars. This facility is considered "state of the art" having the capability to support the overhaul and testing of virtually any pump or valve, including Nimitz Class carrier systems.

6.2 Indicate the reasons that these facilities are required by the depot maintenance function.

Test Facility	Reasons Required for Maintenance
Louis Allis Power System (LAPS) Test Stand	Test required to insure generator provides correct output. Test requirements specified by NAVSEA Systems.

	refurbishment facility is essential to all surface combatants, carriers, and support ships to provide operational CDS capabilities and to provide a depot pool of equipment assets to support the active fleet.
Periscope Test Tower	Maintenance, overhaul and test procedures conducted on Type 2, 8, 15, and 18 periscopes, outlined in the component technical manuals, require this test equipment.
Pump Valve Test Facility	This facility is used to test ships pumps and valves following shop overhaul and repair with the in shop capability to full performance shop test nearly all steam or electrically driven pumps and valves with the following test mediums: fuel oil, lube oil, hot water, cold water, steam, electricity. This facility reduces the risks and costs of installing components that may not pass Shipboard testing and later be required to be sent back to the Inside Shops for further repairs. Shipwork schedule delays are therefore avoided by minimizing fluid system operational testing failures, where one component failure can delay certification of the whole system. Moreover, thorough testing and data collection provides feedback to the repair shop, ultimately reducing the likelihood of component failures in test and Shipboard operation.

6.3 How could the depot maintenance functions be performed without these specialized facilities?

Test Facility	Describe Testing Alternatives
Louis Allis Power Power System (LAPS) Test Stand	None.
NTDS - Land Based Test Site	The alternative to this test facility is the NTDS Land Based Test Site at Philadelphia Naval Shipyard.
Periscope Test Tower	None.

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'acilities and Equipage, continued

7. Buildings and Their Condition

7.1 List the buildings used to perform the depot maintenance functions by category code numbers (five or six digit CCNs), identifying their current condition (adequate, substandard, and inadequate) in Table 7.1 in thousands of square feet (KSF).

Table 7.1: **Facility Conditions**

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CCN	Facility Type	Condition/Area (#KSF)			Comments Deficiency Codes *
		Adequate	Inadequate	Substandard	
213-41	Central Tool (06)	49911	0	104159	C45, C02, A27
213-42	Shipfitting Shop (11)	830	3000	345703	F26
213-43	Sheet Metal (17)	85612	0	2366	C45, C02
213-44	Forge & Heat Treatment (23)	0	0	40851	F03, F10
.3-45	Welding (26)	25271	812	5559	E45, C03, A30
213-48	Q.A.	26345	45557	20064	A30, C45, F23
213-50	Optical Shop	0	0	0	
213-51	Weapons Shop (36)	0	0	0	
213-49	Inside Machine (31)	0	0	270793	C45, A27
213-52	Marine Machine (38)	0	0	131995	C45, A27
213-53	Boilermaker (41)	820	0	50272	C45, A30
213-54	Electrical (51)	0	0	89361	C45

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cilities and Equipage, continued

7. Buildings and Their Condition

7.1 List the buildings used to perform the depot maintenance functions by category code numbers (five or six digit CCNs), identifying their current condition (adequate, substandard, and inadequate) in Table 7.1 in thousands of square feet (KSF).

Table 7.1: **Facility Conditions**

CCN	Facility Type	Condition/Area (#KSF)			Comments Deficiency Codes *
		Adequate	Inadequate	Substandard	
213-41	Central Tool (06)	49,911	0	104,159	C45, C02, A27
213-42	Shipfitting Shop (11)	830	0	348,703	F26
213-43	Sheet Metal (17)	85,612	0	2,366	C45, C02
213-44	Forge & Heat Treatment (23)	0	0	40,851	F03, F10
213-45	Welding (26)	25,271	812	5,559	E45, C03, A30
213-48	Q.A.	26,345	44,839	20,782	A30, C45, F23
213-50	Optical Shop	0	0	0	
213-51	Weapons Shop (36)	0	0	0	
213-49	Inside Machine (31)	0	0	270,793	C45, A27
213-52	Marine Machine (38)	0	0	131,995	C45, A27
213-53	Boilermaker (41)	820	0	50,272	C45, A30
213-54	Electrical	0	0	89,361	C45

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CCN	Facility Type	Condition/Area (#KSF)			Comments Deficiency Codes *
		Adequate	Inadequate	Substandard	
213-57	Electronics (67)	8958	480	128806	F30, C45
213-58	Boat Shop	0	0	0	
213-59/60	Abrasive Blast/ Paint Facility (71)	7478	3074	66473	D30, F30
213-61	Rigging Shop (72)	18069	10212	61046	F30, E20, C45
213-62	Sail Loft	0	0	0	
213-63	Foundry (81)	425	0	76874	C45, A30
213-64	Pattern Maker (94)	0	0	57790	A30, A45, E08
213-65	Nuclear Repair	109951	0	0	
213-66	Temporary Svc (99)	75445	0	0	C45
3-10	Drydocks	713841	990	123689	F32, B30
13-67	Drydock Pumphouse	8316	0	0	
213-68	Divers Change House	0	0	0	
213-70	Ship Svc Support	76811	5425	32692	A30, F30, F26
213-77	Ships/Spares Storage	10667	0	102415	C45, C05
213-20	Marine Railway	0	0	0	
213-40	Fixed Crane Structures	3	0	0	
151-20	GP Berth Pier	6320	0	3450	A30, B30, C20
151-50	GP Repair Pier	7413	0	0	

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CCN	Facility Type	Condition/Area (#KSF)			Comments Deficiency Codes *
		Adequate	Inadequate	Substandard	
155-10	Fleet Landing	0	0	0	
155-20	Small Craft Berthing	160	0	660	F25
860-10	Railroad Trackage	13	0	0	

* Deficiency codes follow

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DEFICIENCY CODES
NFADB DATA ELEMENT NO. 526

DEFINITION:

1. First character, deficient because of:

   A. Physical Condition
   B. Functional or Space Criteria
   C. Design Criteria
   D. Location or citing Criteria
   E. Nonexistent
   F. Total Obsolescence or Deterioration
   G. Inadequate Capacity/Coverage

2. Second and third characters indicate area of deficiency as follows:

01. Heating System
02. Ventilation/Exhaust
03. Environmental Control Systems (Air Conditioning, etc.)
04. Plumbing/Piping/Fixtures
05. Fire Deterrent Systems
06. Fuel Systems/Piping
07. Refrigeration System
08. Elevators/Escalators/ Dumbwaiters
09. Sewage, etc.
10. Lighting/Fixtures
[illegible]. Power Capacity
[illegible]. Wiring/Feeder
[illegible]3. Alarm Systems
[illegible]4. Communications
* 15. Facility Location
16. Flood Plain Environmental Incompatibility
17. Hazardous Material
* 18. Site Characteristics
19. Accessibility
20. Foundation
21. Slab/Floor Decking
22. Columns
23. Walls
24. Roof/Ceiling/Trusses
25. Piling
26. Building Interior/Configuration
27. Roof
28. Soundproofing
29. Waterproofing
30. Building or Structure (total)
31. Fencing
32. Drainage
37. Airfield Safety Clearance
38. Pollution Abatement
39. Excessive Noise
40. OSHA Deficiency
41. Toilets (Bachelor Housing)
42. Fender Systems
43. Rails/Tracks
44. Cold Iron
45. Seismic Design
46. Depth of Water
47. Facility Characteristics
48. Ceiling Height
49. Energy Efficiency
50. Facility Components
51. Ceiling
52. Doors
53. Interior Partitions
54. Stairs/Stairwell
55. Windows
* 56. Safety Standards
57. Explosive Hazard
58. Fire Codes
59. Hazardous Waste
60. Radiation Hazard
61. Lightning Protection
* 62. Environmental Systems
63. Electrical Systems
64. Standby Power Supply
65. Piping Systems
* 66. Support Systems
67. Energy Monitoring Control
68. Security/Interior
69. Telephone
70. Conveying Systems
71. Material Handling Systems

Primary UIC: 00251

acilities and Equipage, continued

7.2 In Table 7.2.a, identify space available for expansion by building type for those facility category code numbers (five or six digit CCNs) that are most important to your mission. An activity's expansion capability is a function of its ability to reconfigure/rehabilitate existing underutilized facilities to accept new or increased requirements.

Table 7.2.a: **Space Available for Expansion**

Building ID / Type	CCN	Installation Space (KSF)			Total
		Adequate	Substandard	Inadequate	
NONE					
TOTAL:					

Facilities in the Shipyard are utilized for ship maintenance and repair including work classified as depot maintenance. Other facilities are utilized by tenants such as the Fleet and Industrial Supply Center or by the Military Support portion of the Shipyard and are not available for other use.

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acilities 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

1. Ocean Engineering. The mission of the Ocean Engineering Department is to provide concept development, engineering design, installation, testing, and maintenance support for specialized deep submergence systems and equipment on selected submarines. In addition, they perform planning yard functions for two deep submergence submersibles. These functions have been ongoing since the mid-1960's and no other Navy or private industrial activity has the qualifications, skills, or security clearances to perform this vital work. If the Ocean Engineering activity were disestablished, this vital national project would be terminated or restructured at another activity. It would take approximately five to seven years to develop the necessary skills (technical/production) to duplicate. It is for this reason that vital Ocean Engineering functions (including personnel) will be reassigned to Puget Sound Naval Shipyard commencing in early 1994.

2. Reactor Compartment Disposal

.. Puget Sound Naval Shipyard is the only Naval Shipyard responsible for the accomplishment of reactor compartment disposals. Reactor compartment disposal consists of decommissioning of the reactor plant, removal of the reactor compartment from the ship, and safe shipment of the packaged reactor compartments to Hanford, Washington for ultimate disposal.

b. It is mission essential for the Navy to safely dispose of nuclear powered submarines and surface ships once these ships have reached the end of their useful service lives. It is required that this work be performed in a nuclear capable shipyard with reactor servicing facilities. The need to remove hazardous material such as asbestos, lead, and PCBs, makes ship dismantlement in compliance with all applicable environmental regulations a challenging task.

c. After a lengthy Environmental Impact Statement process, the Hanford site in Washington State was selected as the disposal site for naval reactor compartments because it was close to a navigable river, and in a desert. A major consideration in this decision was the Hanford site's

.. Since that time a 50-foot deep disposal trench with room for about 120 reactor compartments has been constructed at the Hanford site and 36 reactor compartments have been delivered to the trench. Lands adjacent to the existing trench have been set aside for additional reactor compartments.

e. The necessary site specific facilities and infrastructure to efficiently accomplish this work already exist here at Puget Sound Naval Shipyard. Relocating the site specific facilities is not feasible. Duplicating this infrastructure would be cost prohibitive. Even if the infrastructure was duplicated, uncertainties concerning the Panama Canal and the transportation logistics of towing reactor compartment disposal packages such a long distance would unnecessarily increase risk and make it impractical to accomplish this work on the east coast.

3. <u>S3G, D2G, S6G, & S8G Reactor Servicing</u>

a. Puget Sound Naval Shipyard is responsible for performing Reactor Servicing operations (i.e., refueling, deactivation, or maintenance operations) on S3G, D2G, S6G, and S8G reactor plants. The facilities at the Shipyard are extensive and capable of docking several ships of any of these plant type at the same time, and the Shipyard has refueling complexes either established or available at 4 of the 5 dry docks available for servicing these ships as well as the Waterpit Facility, which is capable of housing a wide variety of servicing operations. The Shipyard has also recently completed a new A4W training facility which can be used to support servicing operations (i.e. training) for either plant type, and will be completing a new Controlled Industrial Repair Facility later this year which will significantly enhance the Shipyard's ability to perform a large number of different types of radiological repairs.

b. The Shipyard has the Government Furnished Equipment for reactor servicing operations for D2G and S6G plant types in yard, and also has highly qualified, trained, and experienced personnel available to perform any required servicing operation. The Shipyard has recently completed servicing operations on the USS CALIFORNIA (CGN 36) and EX-USS TEXAS (CGN 39) and will be deactivating the USS TRUXTUN (CGN 35) shortly, thus maintaining an extremely strong base of experienced personnel.

c. As an additional note, the Shipyard also has in yard the Government Furnished Equipment and Shipyard Furnished Equipment to performing servicing operations on the S8G reactor plant. The S8G lead refueling yard is cited here, and has performed a significant amount of design, review and

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.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
Ship Recycling Facility	Puget Sound Naval Shipyard is the only activity within DoD which recycles ships and disposes of reactor compartments.
Circuit Breaker Repair/ Test Facility 5 KV	The circuit breaker repair/testing program within Naval shipyards is being consolidated at Puget Sound Naval Shipyard for these types of circuit breakers; result of BRAC action.
Waterpit Facility	Puget Sound Naval Shipyard is the only Naval shipyard with this type of facility.
250 Ton Hammer-head Crane	This crane is unique to the Navy refueling program in that it is the only 250 ton crane of its type nuclear certified for the movement of refueling containers.
Navy Tactical Data System Refurb Facility	Puget Sound Naval Shipyard will be the only Naval shipyard with this capability following the closure of Philadelphia Naval Shipyard.

Primary UIC: 00251

acilities 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**

12

Land Use	Total Acres	Developed Acreage	Available for Development	
			Restricted	Unrestricted
Maintenance				
Operational	211	211		
Training	0	0		
R & D				
Supply & Storage	57	27		
Admin	17	17		
Housing	29	29		
Recreational	13	13		
Forestry Program				

ary UIC: **00251**

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				
Operational	211	211		
Training	0	0		
R & D				
Supply & Storage	57	57		
Admin	17	17		
Housing	29	29		
Recreational	13	13		
Forestry Program				

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Primary UIC: 00251

Land Use	Total Acres	Developed Acreage	Available for Development	
			Restricted	Unrestricted
Hunting/Fishing Programs				
Other (submerged)	338			
Total:	665	327		

NOTE: CURRENTLY PROCURING 17 ACRES (8 OF WHICH HAVE BEEN PROCURED) TO SUPPORT EXPANSION TO SUPPORT AOE 6 CLASS HOMEPORTING.

Primary UIC: 00251

acilities 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?

Current Use	Square Feet	Potential Use (Be Specific)

NONE. The Shipyard has a deficit of Administrative Space. However, additional space in adjacent properties in downtown Bremerton could be leased to accommodate displaced functions.

11. Industrial Waste

11.1 Are there any inhibiting factors that would limit future expansion on the base? Provide the details if applicable.

Inhibiting Factor	Provide Detailed Description

There are no inhibiting factors that would limit future expansion.

MEASURES OF MERIT

Workload and Capabilities Primary UIC: 00251

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
7	68359	68359	68359	68359
Radio Comm	6835	6835	6835	6835
Navigational Aids	27345	27345	27345	27345
Electro-Optics	34179	34179	34179	34179
11 Ships	7770571	7770571	7770571	7770571
13	33860	33860	33860	33860
Calibration	33860	33860	33860	33860
14	1040722	1040722	1040722	1040722
TOTAL	8913512	8913512	8913512	8913512

NOTE: Table 12.1.a:**Service Required Core**
Provided by NAVSEA Headquarters

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MEASURES OF MERIT

Workload and Capabilities Primary UIC: 00251

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**

17

COMMODITY GROUP	Capability (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
7	68509	68509	68509	68509
Radio Comm	6851	6851	6851	6851
Navigational Aids	27404	27404	27404	27404
Electro-Optics	34254	34254	34254	34254
11 Ships	7768074	7768074	7768074	7768074
14	1076928	1076928	1076928	1076928
TOTAL	8913511	8913511	8913511	8913511

NOTE: Table 12.1.a:**Service Required Core**
Provided by NAVSEA Headquarters

MEASURES OF MERIT

Workload and Capabilities Primary UIC: 00251

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)

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Table 12.1.a:**Service Required Core**

24

COMMODITY GROUP	Capability (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
7.2 Radio Comm	6851	6851	6851	6851
7.5 Nav Aids	27404	27404	27404	27404
7.6 Electro-Optics	34254	34254	34254	34254
11.1 Ships	7046740	7046740	7046740	7046740
11.3 Ship/S.board Sup	354675	354675	354675	354675
11.4 Shipyard Support	342652	342652	342652	342652
11.5 Design Services	721373	721373	721373	721373
13.3 TMDE	34866	34866	34866	34866
15.0 Manufacturing	344696	344696	344696	344696
TOTAL	8913511	8913511	8913511	8913511

NOTE: Table 12.1.a:**Service Required Core**
Provided by NAVSEA Headquarters

MEASURES OF MERIT

Workload and Capabilities Primary UIC: 00251

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
7.2 Radio Comm	9008	9008	9008	9008
7.5 Nav Aids	36034	36034	36034	36034
7.6 Electro-Optics	45042	45042	45042	45042
11.1 Ships	8214896	8214896	8214896	8214896
11.3 Ship/S.board Sup	459865	459865	459865	459865
11.4 Shipyard Support	447964	447964	447964	447964
11.5 Design Services	991756	991756	991756	991756
13.3 TMDE	45455	45455	45455	45455
15.0 Manufacturing	448604	448604	448604	448604
TOTAL	10698624	10698624	10698624	10698624

NOTE: Table 12.1.a:**Service Required Core**
Provided by NAVSEA Headquarters

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
NONE				
TOTAL				

NOTE: Table 12.2.a: **Core Capability Retained for Other Services**
Provided by NAVSEA Headquarters

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
NONE				
TOTAL				

NOTE: Table 12.2.a: **Core Capability Retained for Other Services**
Provided by NAVSEA Headquarters

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**

24

COMMODITY TYPE	Capability (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
NONE				
TOTAL				

NOTE: Table 12.2.a: **Core Capability Retained for Other Services**
Provided by NAVSEA Headquarters

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
NONE				
TOTAL				

NOTE: Table 12.2.a: **Core Capability Retained for Other Services**
Provided by NAVSEA Headquarters

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
7	68359	68359	68359	[illegible]
Radio Comm	6835	6835	6835	6835
Navigational Aids	27345	27345	27345	27345
Electro-Optics	34179	34179	34179	34179
11 Ships	7770571	7770571	7770571	7770571
13	33860	33860	33860	33860
Calibration	33860	33860	33860	33860
14	1040722	1040722	1040722	1040722
TOTAL	8913512	8913512	8913512	8913512

8913512NOTE: Table 12.3.a: **Service-Controlled Core (Title 10)**

Provided by NAVSEA Headquarters

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
7	68509	68509	68509	68509
Radio Comm	6851	6851	6851	6851
Navigational Aids	27404	27404	27404	27404
Electro-Optics	34254	34254	34254	34254
11 Ships	7768074	7768074	7768074	7768074
14	1076928	1076928	1076928	1076928
TOTAL	8913511	8913511	8913511	8913511

8913512NOTE: Table 12.3.a: **Service-Controlled Core (Title 10)**

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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)**

24

COMMODITY GROUP	Capability (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
7.2 Radio Comm	6851	6851	6851	6851
7.5 Nav Aids	27404	27404	27404	27404
7.6 Electro-Optics	34254	34254	34254	34254
11.1 Ships	7046740	7046740	7046740	7046740
11.3 Ship/S.board Sup	354675	354675	354675	354675
11.4 Shipyard Support	342652	342652	342652	342652
11.5 Design Services	721373	721373	721373	721373
13.3 TMDE	34866	34866	34866	34866
15.0 Manufacturing	344696	344696	344696	344696
TOTAL	8913511	8913511	8913511	8913511

8913512NOTE: Table 12.3.a: **Service-Controlled Core (Title 10)**
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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
7.2 Radio Comm	9008	9008	9008	9008
7.5 Nav Aids	36034	36034	36034	36034
7.6 Electro-Optics	45042	45042	45042	45042
11.1 Ships	8214896	8214896	8214896	8214896
11.3 Ship/S.board Sup	459865	459865	459865	459865
11.4 Shipyard Support	447964	447964	447964	447964
11.5 Design Services	991756	991756	991756	991756
13.3 TMDE	45455	45455	45455	45455
15.0 Manufacturing	448604	448604	448604	448604
TOTAL	10698624	10698624	10698624	10698624

8913512NOTE: Table 12.3.a: **Service-Controlled Core (Title 10)**

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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
7	68359	68359	68359	68359
Radio Comm	6835	6835	6835	6835
Navigational Aids	27345	27345	27345	27345
Electro-Optics	34179	34179	34179	34179
11 Ships	7770571	7770571	7770571	7770571
13	33860	33860	33860	33860
Calibration	33860	33860	33860	33860
14	1040722	1040722	1040722	1040722
TOTAL	8913512	8913512	8913512	8913512

NOTE: Table 13.1a: **Total Core Workloads**
Provided by NAVSEA Headquarters

Workload and Capacities, continued Primary UIC: 00251

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**

17

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
7	68509	68509	68509	68509
Radio Comm	6851	6851	6851	6851
Navigational Aids	27404	27404	27404	27404
Electro-Optics	34254	34254	34254	34254
11 Ships	7768074	7768074	7768074	7768074
14	1076928	1076928	1076928	1076928
TOTAL	8913511	8913511	8913511	8913511

NOTE: Table 13.1a: **Total Core Workloads**
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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**

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COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
7.2 Radio Comm	6851	6851	6851	6851
7.5 Nav Aids	27404	27404	27404	27404
7.6 Electro-Optics	34254	34254	34254	34254
11.1 Ships	7046740	7046740	7046740	7046740
11.3 Ship/S.board Sup	354675	354675	354675	354675
11.4 Shipyard Support	342652	342652	342652	342652
11.5 Design Services	721373	721373	721373	721373
13.3 TMDE	34866	34866	34866	34866
15.0 Manufacturing	344696	344696	344696	344696
TOTAL	8913511	8913511	8913511	8913511

NOTE: Table 13.1a: **Total Core Workloads**
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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
7.2 Radio Comm	9008	9008	9008	9008
7.5 Nav Aids	36034	36034	36034	36034
7.6 Electro-Optics	45042	45042	45042	45042
11.1 Ships	8214896	8214896	8214896	8214896
11.3 Ship/S.board Sup	459865	459865	459865	459865
11.4 Shipyard Support	447964	447964	447964	447964
11.5 Design Services	991756	991756	991756	991756
13.3 TMDE	45455	45455	45455	45455
15.0 Manufacturing	448604	448604	448604	448604
TOTAL	10698624	10698624	10698624	10698624

NOTE: Table 13.1a: **Total Core Workloads**
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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.

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Table 14.1.a: **FMS Above Core Workload**

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

Note: The amount of workload in the below listed categories is negligible in the Naval Shipyards, and therefore is not listed in the following tables:

14.1.a: FMS Above Core Workload
14.1.b: Interservice Above Core Workload
14.1.c: Other Agency Above Core Workload
14.1.f: Low Quantity Above Core Workload
14.1.g: All Other Workload (Above Core)
15.1: Unique and/Peculiar Total Core Workload
15.2: Non-Core Unique and/or Peculiar Workload

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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**

17

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

Note: The amount of workload in the below listed categories is negligible in the Naval Shipyards, and therefore is not listed in the following tables:

14.1.a: FMS Above Core Workload
14.1.b: Interservice Above Core Workload
14.1.c: Other Agency Above Core Workload
14.1.f: Low Quantity Above Core Workload
14.1.g: All Other Workload (Above Core)
15.1: Unique and/Peculiar Total Core Workload
15.2: Non-Core Unique and/or Peculiar Workload

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**

24

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

Note: The amount of workload in the below listed categories is negligible in the Naval Shipyards, and therefore is not listed in the following tables:

14.1.a: FMS Above Core Workload
14.1.b: Interservice Above Core Workload
14.1.c: Other Agency Above Core Workload
14.1.f: Low Quantity Above Core Workload
14.1.g: All Other Workload (Above Core)

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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				

Note: The amount of workload in the below listed categories is negligible in the Naval Shipyards, and therefore is not listed in the following tables:

14.1.a: FMS Above Core Workload
14.1.b: Interservice Above Core Workload
14.1.c: Other Agency Above Core Workload
14.1.e: Within Service Above Core Workload
14.1.f: Low Quantity Above Core Workload
14.1.g: All Other Workload (Above Core)

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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~~
See Note, Table 14.1.a				
TOTAL				

Table 14.1.c: **Other Agency Above Core Workload**

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	~~FY 1999~~
See Note, Table 14.1.a				
TOTAL				

Workload and Capabilities, continued

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14. Other Workloads (Above Core), continued

17

Table 14.1.b: **Interservice Above Core Workload**

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
See Note, Table 14.1.a				
TOTAL				

Table 14.1.c: **Other Agency Above Core Workload**

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
See Note, Table 14.1.a				
TOTAL				

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
See Note, Table 14.1.a				
TOTAL				

Provided by NAVSEA Headquarters

Table 14.1.c: **Other Agency Above Core Workload**

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
See Note, Table 14.1.a				
TOTAL				

Provided by NAVSEA Headquarters

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
See Note, Table 14.1.a				
TOTAL				

Provided by NAVSEA Headquarters

Table 14.1.c: **Other Agency Above Core Workload**

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
See Note, Table 14.1.a				
TOTAL				

Provided by NAVSEA Headquarters

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
7	40162	40162	40162	40162
Radio Comm	4016	4016	4016	4016
Navigational Aids	16065	16065	16065	16065
Electro-Optics	20081	20081	20081	20081
11 Ships	4565363	4565363	4565363	4565363
13	19893	19893	19893	19893
Calibration	19893	19893	19893	19893
14	611445	611445	611445	611445
TOTAL	5236863	5236863	5236863	5236863

NOTE: Table 14.1.d: **Last Source of Repair Workload**
Provided by NAVSEA Headquarters

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
7	40250	40250	40250	40250
Radio Comm	4025	4025	4025	4025
Navigational Aids	16100	16100	16100	16100
Electro-Optics	20125	20125	20125	20125
11 Ships	4563896	4563896	4563896	4563896
14	632716	632716	632716	632716
TOTAL	5236862	5236862	5236862	5236862

NOTE: Table 14.1.d: **Last Source of Repair Workload**
Provided by NAVSEA Headquarters

14. Other Workloads (Above Core), continued

Table 14.1.d: **Last Source of Repair Workload**

24

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
7.2 Radio Comm	4025	4025	4025	4025
7.5 Nav Aids	16100	16100	16100	16100
7.6 Electro-Optics	20124	20124	20124	20124
11.1 Ships	4140099	4140099	4140099	4140099
11.3 Ship/S.board Sup	208379	208379	208379	208379
11.4 Shipyard Support	201315	201315	201315	201315
11.5 Design Services	423821	423821	423821	423821
13.3 TMDE	20485	20485	20485	20485
15.0 Manufacturing	202516	202516	202516	202516
TOTAL	5236864	5236864	5236864	5236864

NOTE: Table 14.1.d: **Last Source of Repair Workload**
Provided by NAVSEA Headquarters

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
7.2 Radio Comm	1660	1640	1806	2460
7.5 Nav Aids	6641	6560	7223	9840
7.6 Electro-Optics	8302	8200	9028	12301
11.1 Ships	1514082	1495580	1646680	2243370
11.3 Ship/S.board Sup	84757	83722	92180	125582
11.4 Shipyard Support	82564	81555	89795	122332
11.5 Design Services	182790	180556	196797	270835
13.3 TMDE	8378	8275	9112	12413
15.0 Manufacturing	82682	81672	89923	122507
TOTAL	1971856	1947760	2144544	2921640

NOTE: Table 14.1.d: **Last Source of Repair Workload**
Provided by NAVSEA Headquarters

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
7	5442	5442	5442	5442
Radio Comm	543	543	543	543
Navigational Aids	2177	2177	2177	2177
Electro-Optics	2722	2722	2722	2722
11 Ships	788632	632	700632	618632
13	2696	2696	2696	2696
Calibration	2696	2696	2696	2696
14	82854	82854	82854	82854
TOTAL	879624	91624	791624	709624

NOTE: Table 14.1.e: **Within Service Above Core Workload**
Provided by NAVSEA Headquarters

7

14. Other Workloads (Above Core), continued

17

Table 14.1.e: **Within Service Above Core Workload**

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
7	5205	5205	5205	5205
Radio Comm	520	520	520	520
Navigational Aids	2083	2083	2083	2083
Electro-Optics	2602	2602	2602	2602
11 Ships	852716	61564	764364	682036
14	81826	81826	81826	81826
TOTAL	939747	148595	851395	769067

NOTE: Table 14.1.e: **Within Service Above Core Workload**
Provided by NAVSEA Headquarters

14. Other Workloads (Above Core), continued

Table 14.1.e: **Within Service Above Core Workload**

24

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
7.2 Radio Comm	520	520	520	520
7.5 Nav Aids	2082	2082	2082	2082
7.6 Electro-Optics	2604	2604	2604	2604
11.1 Ships	797917	6765	709565	627237
11.3 Ship/S.board Sup	26946	26946	26946	26946
11.4 Shipyard Support	26033	26033	26033	26033
11.5 Design Services	54806	54806	54806	54806
13.3 TMDE	2649	2649	2649	2649
15.0 Manufacturing	26188	26188	26188	26188
TOTAL	939745	148593	851393	769065

NOTE: Table 14.1.e: **Within Service Above Core Workload**
Provided by NAVSEA Headquarters

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
See Note Table 14.1.a				

NOTE: Table 14.1.e: **Within Service Above Core Workload**
Provided by NAVSEA Headquarters

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
See Note, Table 14.1.a				
TOTAL				

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
See Note, Table 14.1.a				
TOTAL				

14. Other Workloads (Above Core), continued

Table 14.1.f: **Low Quantity Above Core Workload**

24

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
See Note, Table 14.1.a				
TOTAL				

Provided by NAVSEA Headquarters

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
See Note, Table 14.1.a				
TOTAL				

Provided by NAVSEA Headquarters

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
See Note, Table 14.1.a				
TOTAL				

Workload and Capabilities, continued Primary UIC: 00251

14. All Other Workloads (Above Core), continued

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

17

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
See Note, Table 14.1.a				
TOTAL				

14. All Other Workloads (Above Core), continued

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

24

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
See Note, Table 14.1.a				
TOTAL				

Provided by NAVSEA Headquarters

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
See Note, Table 14.1.a				
TOTAL				

Provided by NAVSEA Headquarters

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
7	45605	45605	45605	45605
Radio Comm	4561	4561	4561	4561
Navigational Aids	18241	18241	18241	18241
Electro-Optics	22803	22803	22803	22803
11 Ships	5353995	4565995	5265995	5183995
13	22589	22589	22589	22589
Calibration	22589	22589	22589	22589
14	694299	694299	694299	694299
TOTAL	6116488	5328488	6028488	5946488

NOTE: Table 14.1.h: **Total Above Core Workload**
Provided by NAVSEA Headquarters

14. Other Workloads (Above Core), continued

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

17

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
7	45455	45455	45455	45455
Radio Comm	4545	4545	4545	4545
Navigational Aids	18182	18182	18182	18182
Electro-Optics	22728	22728	22728	22728
11 Ships	5416612	4625460	5328260	5245932
14	714542	714542	714542	714542
TOTAL	6176609	5385457	6088257	6005929

NOTE: Table 14.1.h: **Total Above Core Workload**
Provided by NAVSEA Headquarters

14. Other Workloads (Above Core), continued

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

24

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
7.2 Radio Comm	4545	4545	4545	4545
7.5 Nav Aids	18182	18182	18182	18182
7.6 Electro-Optics	22728	22728	22728	22728
11.1 Ships	4938016	4146864	4849664	4767336
11.3 Ship/S.board Sup	235325	235325	235325	235325
11.4 Shipyard Support	227348	227348	227348	227348
11.5 Design Services	478627	478627	478627	478627
13.3 TMDE	23134	23134	23134	23134
15.0 Manufacturing	228704	228704	228704	228704
TOTAL	6176609	5385457	6088257	6005929

NOTE: Table 14.1.h: **Total Above Core Workload**
Provided by NAVSEA Headquarters

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
7.2 Radio Comm	1660	1640	1806	2460
7.5 Nav Aids	6641	6560	7223	9840
7.6 Electro-Optics	8302	8200	9028	12301
11.1 Ships	1514082	1495580	1646680	2243370
11.3 Ship/S.board Sup	84757	83722	92180	125582
11.4 Shipyard Support	82564	81555	89795	122332
11.5 Design Services	182790	180556	196797	270835
13.3 TMDE	8378	8275	9112	12413
15.0 Manufacturing	82682	81672	89923	122507
TOTAL	1971856	1947760	2144544	2921640

NOTE: Table 14.1.h: **Total Above Core Workload**
Provided by NAVSEA Headquarters

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.

7

Table 15.1: **Unique and/or Peculiar Total Core Workload**

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
See Note, Table 14.1.a				
TOTAL				

Workload and Capabilities, continued Primary UIC: 00251

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**

17

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
See Note, Table 14.1.a				
TOTAL				

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**

24

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
7.2 Radio Comm	6851	6851	6851	6851
7.5 Nav Aids	27404	27404	27404	27404
7.6 Electro-Optics	34254	34254	34254	34254
11.1 Ships	7046740	7046740	7046740	7046740
11.3 Ship/S.board Sup	354675	354675	354675	354675
11.4 Shipyard Support	342652	342652	342652	342652
11.5 Design Services	721373	721373	721373	721373
13.3 TMDE	34866	34866	34866	34866
15.0 Manufacturing	344696	344696	344696	344696
TOTAL	8913511	8913511	8913511	8913511

NOTE: All designated CORE ship work is unique to NSYs

Provided by NAVSEA Headquarters

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
7.2 Radio Comm	9008	9008	9008	9008
7.5 Nav Aids	36034	36034	36034	36034
7.6 Electro-Optics	45042	45042	45042	45042
11.1 Ships	8214896	8214896	8214896	8214896
11.3 Ship/S.board Sup	459865	459865	459865	459865
11.4 Shipyard Support	447964	447964	447964	447964
11.5 Design Services	991756	991756	991756	991756
13.3 TMDE	45455	45455	45455	45455
15.0 Manufacturing	448604	448604	448604	448604
TOTAL	10698624	10698624	10698624	10698624

NOTE: All designated CORE ship work is unique to NSYs

Provided by NAVSEA Headquarters

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
See Note, Table 14.1.a				
TOTAL				

Workload and Capabilities, continued Primary UIC: 00251

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**

17

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
See Note, Table 14.1.a				
TOTAL				

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**

24

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
7.2 Radio Comm	4545	4545	4545	4545
7.5 Nav Aids	18182	18182	18182	18182
7.6 Electro-Optics	22728	22728	22728	22728
11.1 Ships	4938016	4146864	4849664	4767336
11.3 Ship/S.board Sup	235325	235325	235325	235325
11.4 Shipyard Support	227348	227348	227348	227348
11.5 Design Services	478627	478627	478627	478627
13.3 TMDE	23134	23134	23134	23134
15.0 Manufacturing	228704	228704	228704	228704
TOTAL	6176609	5385457	6088257	6005929

NOTE: All non-CORE ship work is unique to NSYs

Provided by NAVSEA Headquarters

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
7.2 Radio Comm	1660	1640	1806	2460
7.5 Nav Aids	6641	6560	7223	9840
7.6 Electro-Optics	8302	8200	9028	12301
11.1 Ships	1514082	1495580	1646680	2243370
11.3 Ship/S.board Sup	84757	83722	92180	125582
11.4 Shipyard Support	82564	81555	89795	122332
11.5 Design Services	182790	180556	196797	270835
13.3 TMDE	8378	8275	9112	12413
15.0 Manufacturing	82682	81672	89923	122507
TOTAL	1971856	1947760	2144544	2921640

NOTE: All non-CORE ship work is unique to NSYs

Provided by NAVSEA Headquarters

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orkload 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
Medical Clinic	Provide emergency/medical treatment in support of Shipyard mission.
Base Support	Provide support and services for military personnel and their dependents assigned to the Shipyard, tenant commands, homeported ships, and ships in overhaul, repair, or conversion.

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
'edical Clinic	Provide emergency medical care as required. Performs routine physical check-ups on Shipyard employees in support of quality health standards.
Base Support	Provide services in the areas of morale, welfare, recreation, berthing, messing, and administrative matters in support of quality of life issues for military personnel and their dependents.

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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
Fleet Support	Puget Sound Naval Shipyard exists to support the fleet. Work done in support of this mission requires constant and close interface and coordination with customers. The complex and varied nature of Shipyard work demands close ties with customers to ensure successful completion of work undertaken. Minimal down time is realized and quality products delivered to support military requirements.
Planning Yard	Puget Sound Naval Shipyard provides design services for modernization of a sizable portion of the surface fleet through two Planning Yard detachments, at Boston and Bremerton. Using current CAD technology, we provide customers with not only design and engineering services, but bills of material, execution instructions and on-site technical support. The end result is quality modernization installations at reasonable costs.
RATA	Puget Sound Naval Shipyard provides RATA services throughout the Pacific Basin and on both coasts. The Shipyard is the primary source for complex RATA work in all West Coast homeports. The Shipyard, in conjunction with COMNAVAIRPAC, is developing facilities to support carrier maintenance at North Island, and is supporting work in the Bay area until closure of Alemeda Naval Air Station. The Shipyard has committed to provide fleet customers on the West Coast with on-site presence within 48 hours of the type commander authorizing work.
Regular Overhauls	The Shipyard has established technical and project management teams to assure timely and accurate

Primary UIC: 00251

EASURES 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)? **$105,433**

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)	12,784	14,179	19,151	18,468

9. Annual Operating Costs (Excludes Materials used in Depot Maintenance orkloads)

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**

	FY 1990	FY 1991	FY 1992	FY 1993
AOC ($K)	576,899	631,851	694,351	674,017
$ / DLH	46.84	52.68	46.51	50.69

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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 20.1.

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	* 18,147	* Not Avail.	* Est. 10,538	Est. 31,680				
Programmed	* 1,661	* 21,349	* 10,539	* 26,327	28,922	31,106	28,531	24,672

Only Env. Compliance portion of the Env. Bud.

* Included Process Shop data. Without Process Shop, the amount was approx. $23,585.

Increase in FY95 is primarily due to the following:

Replacement of Foundry Baghouses	2200K
Close HW Tanks	560K
Misc. Repair to Bldg. 871	500K
Design for Above Projects	391K

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?

NONE

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**

Primary UIC: 00251

›sts, 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 ($K)	26,267	22,842	2,777	2,531
REPLACEMENT ($K)	13,561	18,572	21,870	19,085u
TOTAL	39,828	41,414	24,647	21,616

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

In accordance with policy set forth by the Secretary of the Navy, personnel at 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 Being Certified: BRAC 95, Data Call 9 and Supplement, Joint Cross Service Group - Depot Maintenance

ACTIVITY COMMANDER

G. R. YOUNT, Captain, U.S. Navy
NAME (Please type of print)

Signature

Shipyard Commander
Title

9/7/94
Date

Puget Sound Naval Shipyard

UIC N00251

Data Being Certified: BRAC 95 Data Call Number 9, Puget Sound Naval Shipyard

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

NEXT ECHELON LEVEL (if applicable)

Edward L. Shelton

NAME (Please type or print) Signature

Deputy Commander for Naval Shipyard and SUPSHIP Management and Field Activity Support Directorate (Acting)

Title Date 9/8/94

Naval Sea Systems Command

Activity

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

MAJOR CLAIMANT LEVEL

NAME (Please type or print) Signature

G. R. STERNER
Commander
Naval Sea Systems Command

Title Date 9/8/94

Activity

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

EARNER

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

EARNER

NAME (Please type or print) Signature

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

In accordance with policy set forth by the Secretary of the Navy, personnel at 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 Being Certified: BRAC 95, Data Call Supplement, Joint Cross Service Group - Depot Maintenance, #1.1.a & 1.2.a (Revised)

ACTIVITY COMMANDER

G. R. YOUNT, Captain, U.S. Navy
NAME (Please type of print)

Signature

Shipyard Commander
Title

9/12/94
Date

Puget Sound Naval Shipyard
Activity

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

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

Data Being Certified: BRAC 95, Supplement, Joint Cross Service Group

ACTIVITY COMMANDER

G. R. YOUNT, Captain, U.S. Navy
NAME (Please type of print)

Signature

Shipyard Commander
Title

9 SEPT 94
Date

Puget Sound Naval Shipyard

118

Data Being Certified: BRAC 95 Data Call Number 9, Supplemenal, Joint Cross Service Group - Depot Maintenance Tables 12-15, Puget Sound Naval Shipyard.

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 — Signature: G. R. Sterner

NAME (Please type or print)

Commander — Date: 9/12/94

Title Naval Sea Systems Command

Activity

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

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

J. B. GREENE, JR. — Signature: J B Greene Jr.

NAME (Please type or print)

ACTING — Date: 14 SEP 1994

Title

UIC N00251

Data Being Certified: BRAC 95 Data Call Number 9, Puget Sound Naval Shipyard, Revisions

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

NEXT ECHELON LEVEL (if applicable)

William H. Ryzewic

NAME (Please type or print)

W. H. Ryzewic

Signature

Executive Director for Naval Shipyard
and SUPSHIP Management and Field
Activity Support Directorate

Title

9/13/94

Date

Naval Sea Systems Command

Activity

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

MAJOR CLAIMANT LEVEL

NAME (Please type or print)

G. R. STERNER
Commander
Naval Sea Systems Command

Signature

Title

9/13/94

Date

Activity

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

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

B. GREENE, JR.

NAME (Please type or print)

Signature

14 SEP 1994

ACTING

7

UIC N00251

Data Being Certified: BRAC 95 Data Call Number 9, Supplemental, Joint Cross Service Group - Depot Maintenance Tables 1.1a and 1.2a, Puget Sound Naval Shipyard.

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

MAJOR CLAIMANT LEVEL

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

Signature

Title Commander Naval Sea Systems Command

Date 9/29/94

Activity

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

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

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

Signature

Title

Date 30 SEP 1994

7

UIC N00251

Data Being Certified: BRAC 95 Data Call Number 9, Supplemenal, Joint Cross Service Group - Depot Maintenance Tables 12-15, Puget Sound Naval Shipyard.

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

MAJOR CLAIMANT LEVEL

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

Signature

Date 9/29/94

Activity

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

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

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

Signature

Title

Date 30 SEP 1994

12

118

UIC N00251

Data Being Certified: BRAC 95 Data Call Number 9, Supplemenal, Joint Cross Service Group - Depot Maintenance Table 1.2a, Puget Sound Naval Shipyard, Revision.

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

MAJOR CLAIMANT LEVEL

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

Signature G. R. Sterner

Title

Date 10/4/94

Activity

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

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

NAME (Please type or print)

Signature N B Lanier

Title

Date 10/5/94

118

UIC N00251

Data Being Certified: BRAC 95 Data Call Number 9, Revision, Puget Sound Naval Shipyard

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

NEXT ECHELON LEVEL (if applicable)

RADM T. J. Porter, USN

NAME (Please type or print) Signature 9/21/94

Deputy Commander for Naval Shipyard
and SUPSHIP Management and Field
Activity Support Directorate

Title Date

Naval Sea Systems Command

Activity

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

MAJOR CLAIMANT LEVEL

NAME (Please type or print) Signature

G. R. STERNER
Commander
Naval Sea Systems Command

9/21/94

Title Date

Activity

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

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

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

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

Data Being Certified: BRAC 95, Joint Cross Service Group Supplement - Depot Maintenance, Items ~~1.1~~, 1.3, 3.1, 7.1, & 9.1

TO BE PROVIDED BY NAVSEA

R. N. Colmar 9/21/94 ACTIVITY COMMANDER

G. R. YOUNT, Captain, U.S. Navy
NAME (Please type of print)

Signature

Shipyard Commander
Title

20 September 1994
Date

UIC N00251

Data Being Certified: BRAC 95 Data Call Number 9, Supplemental Joint Cross Service Group - Depot Maintenance, Revised Table 1.3.a, Table 3.1.a, and Table 3.1.b, Puget Sound Naval Shipyard

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

MAJOR CLAIMANT LEVEL

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

Signature

Title Commander Naval Sea Systems Command

Date 10/7/94

Activity

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

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

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

Signature

Title

Date 10/7/94

17

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

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

Data Being Certified: BRAC 95, Data Call Supplement for Joint Cross Service Group #1.3a, 3.1a, 3.1b (Revised)

ACTIVITY COMMANDER

V. T. WILLIAMS, Captain, US Navy	V T Williams
NAME (Please type of print)	Signature
Shipyard Commander (Acting)	6 Oct 94
Title	Date

UIC N00251

Data Being Certified: BRAC 95 Data Call Number 9, Supplemental Joint Cross Service Group - Depot Maintenance, Revised Table 1.1.a, Table 1.2.a, and Tables 12-15 provided by NAVSEA, Puget Sound Naval Shipyard

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

MAJOR CLAIMANT LEVEL

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

Signature

10/7/94
Date

Activity

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

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

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

Signature

Title

10/7/94
Date

UIC N00251

Data Being Certified: BRAC 95 Data Call Number 9, Supplemental Joint Cross Service Group - Depot Maintenance, Revised Tables 12-15 provided by NAVSEA, Puget Sound Naval Shipyard.

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

MAJOR CLAIMANT LEVEL

E. S. MCGINLEY, II
NAME (Please type or print)

Signature

Acting Commander
Title

10/19/94
Date

Naval Sea Systems Command
Activity

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

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

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

Signature

Title

10/19/94
Date