23 June 1994

DATA CALL WORK SHEET FOR MILITARY VALUE:
NAVAL SHIPYARDS
and
NAVAL SHIP REPAIR FACILITY

Category	.....	**Industrial Activities**
Type	.....	**NAVAL SHIPYARDS**
	.....	**NAVAL SHIP REPAIR FACILITY**
Claimant	.....	**COMNAVSEASYSCOM** (Naval Shipyards)
	.....	**CINCPACFLT** (Naval Ship Repair Facility)

Notes:
In the context of this Data Call:

1. Base your responses for FY 1994 and previous years on executed workload, and for FY 1995 and subsequent years on workload as programmed. Use the workload as programmed in the FY 1995 Budget Submission and POM-96. Unless otherwise specified, use workload mixes as programmed. In estimating projected workload capabilities, use the activity configuration as of completion of all BRAC-88/91/93 actions.

2. "Production" equates to the number of items processed per Fiscal Year (FY), unless otherwise specified.

3. Unless otherwise specified, base your responses single shift operations of an eight hour day/five day notional normal work week (1-8-5). Report Direct Labor Man Years (DLMYs) in thousands of Man Years, to the nearest tenth, e.g. 32.2 K DLMYs.

4. Report workload performed on non-DON vessels (e.g. USCG, MSC) within the workload mission area most consistent with the work performed. Ensure that all workload performed/projected to be performed is reported.

If any responses are classified, so annotate the applicable question and include those responses in a separate classified annex.
This document has been prepared in WordPerfect 5.1/5.2.

DATA CALL for MILITARY VALUE
Naval Shipyards and Ship Repair Facility

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Table of Acronyms

$	Dollars
%	Percent
#	Number
ACT	American College Test
AOB	Average on Board
APPN	Appropriation
ARC	Alcohol Rehabilitation Center
Avlb	Availability
BAQ	Basic Allowance for Quarters
BEQ	Bachelor Enlisted Quarters
BOQ	Bachelor Officers Quarters
BQ	Bachelor Quarters
DoD	Department Of Defense
DoDDS	Department of Defense Dependents Schools
DON	Department of the Navy
ESQD	Explosive Safety Quantity Distance
FSC	Family Service Center
FY	Fiscal Year
FYDP	Future Years Defense Plan
HQ	Headquarters
HS	High School
ITT	Information, Tickets and Tours
LF	Linear Feet
MH	Man Hours
MLS	Multiple Listing Service
N / A	Not Applicable
NCIS	Naval Criminal Investigative Service
NM	Nautical Miles
NSYD	Naval Shipyard
OMN	Operations and Maintenance, Navy
POM	Program Objectives Memorandum
PN	Number of personnel accommodated
Qtr	Quarter
SAT	Scholastic Aptitude Test
SCN	Ship Construction, Navy
SF	Square Feet
SRF	Ship Repair Facility
UIC	Unit Identification Code
VHA	Variable Housing Allowance
W/O	Without
WY	Work Years
YR	Year

Table of Availability Types

Nuclear

CVN Complex Overhaul	COH
CVN Refueling Complex Overhaul	RCOH
CVN Docking Selected Restricted Availability	DSRA
CVN Extended Docking Selected Restricted Availability	EDSR
CVN Docking Phased Incremental Availability	DPIA
CVN Selected Restricted Availability	SRA
CVN Extended Selected Restricted Availability	ESRA
CVN Phased Incremental Availability	PIA
SSBN Inactivation	INACT
SSBN Extended Refit Period	ERP
SSBN Regular Overhaul / Refueling Overhaul	ROH/RFOH
SSBN Engineered Overhaul / Engineered Refueling Overhaul	EOH/ERO
SSN Inactivations	INACT
SSN Regular Overhaul / Refueling Overhaul	ROH / RFOH
SSN Engineered Overhaul / Engineered Refueling Overhaul	EOH / ERO
SSN Docking Selected Restricted Availability	DSRA
SSN Depot Modernization Period	DMP
CGN Inactivations	INACT
CGN Complex Overhaul / Refueling Complex Overhaul	COH/RCOH
CGN Docking and Non-Docking Selected Restricted Availability	DSRA/SRA

NonNuclear

Regular Overhaul	ROH
Complex Overhaul	COH
Docking Phased Maintenance Availability	DPMA
Phased Maintenance Availability	PMA
Docking Selected Restricted Availability	DSRA
Selected Restricted Availability	SRA
Service Craft Overhaul	SCO
Inactivations	INACT

Other Productive Work	OPW
Restricted Availability/Technical Availability	RA/TA

Primary UIC: 00251

Data Call for Military Value:
Naval Shipyards and Naval Ship Repair Facilities

Questions for the Activities

Mission Area

1. Production Workload

1.1 Workload Breakout by Availability. Using the Table of Availability Types, identify the work package and number of availabilities (Avlb) for the types/classes of ships which have been or will be maintained, modernized, or converted at your activity. Include all CNO and non-CNO scheduled shipwork, off-site work, and Other Production Work (OPW). Account for availabilities whose durations exceed one fiscal year by including them in all fiscal years with scheduled work from that availability. Do not include potential guarantee work in your submission.

Example: NSYD Sample executed:

- two 12 month duration SSN 688 class DMPs, beginning in September 1990 and in August 1991 respectively;
- two SSN 688 class DSRAs (each of 2 month duration) beginning in December 1991 and March 1992 respectively;
- an SSN 688 class ERO of 22 month duration, beginning in June 1993; and
- two AOE1 class DPMAs, each of 6 month duration, begun in September 1990 and January 1991 respectively.

This workload would be represented as:

Class of Vessel	FY 1990		FY 1991		FY 1992		FY 1993	
	Avlb (#)	Avlb (#)	Avlb (#)	Avlb (#)	Avlb (#)	Avlb (#)	Avlb (#)	Avlb (#)
SSN 688	DMP (1)		DMP (2)		DMP (1)	SRA (2)	ERO (1)	
AOE 1	DPMA (1)		DPMA (2)					

Table of Ship Types

CVN 68
CV 62
CGN 38
CG 47
SSBN 726
SSN 688
SSN 21
DD 963
DDG 51
DDG 993
FFG 7

AD 41
AOE 1
AOE 6
ARS 50
AS 36/39

LCC 19
LCC 20
LHA 1
LHD 1
LPD 4
LPH 2
LSD 36
LSD 41

MCM 1 / MCS-12 / MHC 51
AFB / AFDL / AFDM / ARDM
NR-1
AGF 3 / AGF 11

Primary UIC: 00251

1. Production Workload, continued

Table 1.1.a: **Workload Breakout by Type of Availability**

Class of Vessel	FY 1990				FY 1991			
	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)
SSBN 726								
SSN 688	DSRA (1)				DSRA (1)			
SSN 21								
CVN 68	COH (1)	DSRA (1)			COH (1)	SRA (1)		
CV 62								
AD 41								
AOE 1								
AOE 6								
ARS 50								
AS 36/39								
LCC 19								
LCC 20								
LPD 4								
LPH 2								
LSD 36								
LSD 41								

Primary UIC: 00251

1. Production Workload, continued

Table 1.1.b: **Workload Breakout by Type of Availability**

Class of Vessel	FY 1990				FY 1991			
	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)
MCM1/MCS12/ MHC51								
AFDB/AFDL/ AFDM/ARDM								
NR-1								
AGF3/AGF11								
CG 47								
DD 963								
DDG 51								
DDG 993								
FFG 7								
LHA 1								
LHD 1								
CGN 38								
SSN 637	RFOH (3)	ROH (1)			RFOH (1)	ROH (1)	DSRA (1)	
CGN 9	SRA (1)							
CGN 25								
CGN 35					SRA (1)			
CGN 36	RFOH (1)				RFOH (1)			
AGSS 555								
AS 11					DSRA (1)			
AS 19								
DDG 31								
TAG 195					DSRA (1)			
SSBN 616	IRR (2)				IRR (3)	RCD (1)		
SSBN 627								
SSBN 640								
SSN 598/608	IRR (1)	RCD (3)			IRR (1)	SR (1)		
SSN 585/588	IRR (1)	RCD (2)			IRR (1)	RCD (2)	SR (1)	

Primary UIC: 00251

Class of Vessel	FY 1990				FY 1991			
	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)
SSN 594	IRR (2)	ORC (2)			INACT (2)	RCD (4)		
SSN 685	IRCD (1)				IRCD (1)			

NOTE: Due to the nature of submarine inactivation work the following symbols have been used, in lieu of INACT, to better define the appropriate availability work scope:

INACT: Inactivation Only
IRCD: Inactivation & Reactor Compartment Disposal
IRR: Inactivation, Reactor Compartment Disposal, & Hull Recycling
ORC: Reactor Compartment Disposal Only
RCD: Reactor Compartment Disposal & Hull Recycling
SR: Hull Recycling (only)

Primary UIC: 00251

1. Production Workload, continued

Table 1.1.c: **Workload Breakout by Type of Availability**

Class of Vessel	FY 1992				FY 1993			
	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)
SSBN 726					EOH (1)			
SSN 688					DSRA (1)			
SSN 21								
CVN 68	COH (1)	DSRA (1)	SRA (2)		COH (1)			
CV 62								
AD 41								
AOE 1								
AOE 6								
ARS 50								
AS 36/39								
LCC 19								
LCC 20								
LPD 4								
LPH 2								
LSD 36								
LSD 41								

NOTE: Due to the nature of submarine inactivation work the following symbols have been used, in lieu of INACT, to better define the appropriate availability work scope:

INACT: Inactivation Only
IRCD: Inactivation & Reactor Compartment Disposal
IRR: Inactivation, Reactor Compartment Disposal & Hull Recycling
ORC: Reactor Compartment Disposal Only
RCD: Reactor Compartment Disposal Only
SR: Hull Recycling (only)

Primary UIC: 00251

1. Production Workload, continued

Table 1.1.d: **Workload Breakout by Type of Availability**

Class of Vessel	FY 1992				FY 1993			
	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)
MCM1/MCS12/ MHC51								
AFDB/AFDL/ AFDM/ARDM								
NR-1								
AGF3/AGF11								
CG 47								
DD 963								
DDG 51								
DDG 993								
FFG 7								
LHA 1								
LHD 1								
CGN 38	RFOH (1)				RFOH (1)	INACT (1)		
SSN 637	IRR (1)	RCD (2)			DSRA (1)	IRR (1)	RCD (2)	
CGN 9	DSRA (1)				DSRA (1)			
CGN 25								
CGN 35	SRA (1)							
CGN 36	RFOH (1)				RFOH (1)			
AGSS 555								
AS 11	SRA (1)				SRA (1)			
AS 19	SRA (1)				SRA (1)			
DDG 31	DSRA (1)				DSRA (1)			
TAG 195	DSRA (1)							
CV 41	INACT (1)				INACT (1)			
BB 63	INACT (1)							
SSBN 616	IRR (1)	SR (1)			IRR (2)	SR (2)		

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Class of Vessel	FY 1992				FY 1993			
	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)
SSBN 627	IRR (1)				IRR (2)			
SSBN 640	IRR (1)				IRR (4)			
SSN 594	IRR (2)	RCD (5)			RCD (4)			
SSN 598/608	IRR (2)	SR (2)			IRR (1)	SR (2)		
SSN 585/588					RCD (1)			

NOTE: Due to the nature of submarine inactivation work the following symbols have been used, in lieu of INACT, to better define the appropriate availability work scope:

INACT: Inactivation only
IRCD: Inactivation & Reactor Compartment Disposal
IRR: Inactivation, Reactor Compartment Disposal, & Hull Recycling
RCD: Reactor Compartment Disposal & Hull Recycling
SR: Hull Recycling only
ORC: Reactor Compartment Disposal only

Primary UIC: 00251

1. Production Workload, continued

Table 1.1.e: **Workload Breakout by Type of Availability**

Class of Vessel	FY 1994				FY 1995			
	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)
SSBN 726	EOH (1)				ROH (1)			
SSN 688	DSRA (1)				DSRA (2)			
SSN 21								
CVN 68	EDSRA (1)				EDSRA (1)	SRA (1)		
CV 62								
AD 41								
AOE 1								
AOE 6								
ARS 50								
AS 36/39								
LCC 19								
LCC 20								
LPD 4								
LPH 2								
LSD 36								
LSD 41								

NOTE: Due to the nature of submarine inactivation work the following symbols have been used, in lieu of INACT, to better define the appropriate availability work scope:

INACT: Inactivation only
IRCD: Inactivation & Reactor Compartment Disposal
IRR: Inactivation, Reactor Compartment Disposal, & Hull Recycling
RCD: Reactor Compartment Disposal & Hull Recycling
SR: Hull Recycling only
ORC: Reactor Compartment Disposal only

Primary UIC: 00251

1. Production Workload, continued

Table 1.1.f: **Workload Breakout by Type of Availability**

Class of Vessel	FY 1994				FY 1995			
	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)
MCM1/MCS12/ MHC51								
AFDB/AFDL/ AFDM/ARDM								
NR-1								
AGF3/AGF11								
CG 47								
DD 963								
DDG 51								
DDG 993								
FFG 7								
LHA 1								
LHD 1								
CGN 38	INACT (1)				DSRA (1)			
SSN 637	IRR (1)	RCD (1)			DSRA (1)	IRR (6)		
CGN 9								
CGN 25								
CGN 35					INACT (1)			
CGN 36					SRA (1)			
AGSS 555								
AS 11								
AS 19	SRA (1)							
DDG 31								
TAG 195								
SSBN 616	IRR (2)	SR (3)			SR (2)			
SSBN 627	IRR (5)				IRR (4)			
SSBN 640	IRR (4)				IRR (4)	RCD (2)		

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Class of Vessel	FY 1994				FY 1995			
	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)
SSN 598/608	SR (2)							
SSN 585/588	RCD (1)				RCD (1)	SR (2)		
SSN 594	IRR (1)	RCD (1)	SR (1)		IRR (1)	SR (1)		
SSN 578	RCD (2)				RCD (4)			
SSN 597					RCD (1)			

NOTE: Due to the nature of submarine inactivation work the following symbols have been used, in lieu of INACT, to better define the appropriate availability work scope:

INACT: Inactivation only
IRCD: Inactivation & Reactor Compartment Disposal
IRR: Inactivation, Reactor Compartment Disposal, & Hull Recycling
RCD: Reactor Compartment Disposal & Hull Recycling
SR: Hull Recycling only
ORC: Reactor Compartment Disposal only

Primary UIC: 00251

1. Production Workload, continued

Table 1.1.g: **Workload Breakout by Type of Availability**

Class of Vessel	FY 1996				FY 1997			
	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)
SSBN 726	ROH (1)				ROH (1)			
SSN 688	DSRA (1)							
SSN 21								
CVN 68	DSRA (1)	SRA (1)			DSRA (1)	SRA (1)	PIA (1)	
CV 62								
AD 41								
AOE 1								
AOE 6								
ARS 50								
AS 36/39								
LCC 19								
LCC 20								
LPD 4								
LPH 2								
LSD 36								
LSD 41								

NOTE: Due to the nature of submarine inactivation work the following symbols have been used, in lieu of INACT, to better define the appropriate availability work scope:

INACT: Inactivation only
IRCD: Inactivation & Reactor Compartment Disposal
IRR: Inactivation, Reactor Compartment Disposal, & Hull Recycling
RCD: Reactor Compartment Disposal & Hull Recycling
SR: Hull Recycling only
ORC: Reactor Compartment Disposal only

Primary UIC: 00251

1. Production Workload, continued

Table 1.1.h: **Workload Breakout by Type of Availability**

Class of Vessel	FY 1996				FY 1997			
	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)
MCM1/MCS12/ MHC51								
AFDB/AFDL/ AFDM/ARDM								
NR-1								
AGF3/AGF11								
CG 47								
DD 963								
DDG 51								
DDG 993								
FFG 7								
LHA 1								
LHD 1								
CGN 38								
SSN 637	DSRA (1)	IRR (10)			DSRA (1)	IRR (14)		
CGN 9								
CGN 25								
CGN 35	INACT (1)				INACT (1)			
CGN 36					DSRA (1)			
AGSS 555					ROH (1)			
AS 11								
AS 19								
DDG 31								
TAG 195								
AS 31					INACT (1)			
SSBN 616	SR (1)				RCD (1)			
SSBN 627	IRR (1)				RCD (1)			
SSBN 640	IRR (2)	RCD (3)			RCD (2)			

Primary UIC: 00251

Class of Vessel	FY 1996				FY 1997			
	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)
SSN 598/608								
SSN 585/588					SR (1)			
SSN 594	IRR (1)				IRR (1)	SR (1)		
SSN 578	RCD (2)							
SSN 597	RCD (1)				RCD (1)			
SSN 575					RCD (1)			

NOTE: Due to the nature of submarine inactivation work the following symbols have been used, in lieu of INACT, to better define the appropriate availability work scope:

INACT: Inactivation only
IRCD: Inactivation & Reactor Compartment Disposal
IRR: Inactivation, Reactor Compartment Disposal, & Hull Recycling
RCD: Reactor Compartment Disposal & Hull Recycling
SR: Hull Recycling only
ORC: Reactor Compartment Disposal only

Primary UIC: 00251

1. Production Workload, continued

Table 1.1.i: **Workload Breakout by Type of Availability**

Class of Vessel	FY 1998				FY 1999			
	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)
SSBN 726	ROH (1)				ROH (1)			
SSN 688	DSRA (4)				DSRA (2)			
SSN 21								
CVN 68	PIA (1)				DPIA (1)	SRA (1)	PIA (1)	
CV 62	INACT (1)							
AD 41								
AOE 1								
AOE 6								
ARS 50								
AS 36/39					INACT (1)			
LCC 19								
LCC 20								
LPD 4								
LPH 2								
LSD 36								
LSD 41								

NOTE: Due to the nature of submarine inactivation work the following symbols have been used, in lieu of INACT, to better define the appropriate availability work scope:

INACT: Inactivation only
IRCD: Inactivation & Reactor Compartment Disposal
IRR: Inactivation, Reactor Compartment Disposal, & Hull Recycling
RCD: Reactor Compartment Disposal & Hull Recycling
SR: Hull Recycling only
ORC: Reactor Compartment Disposal only

Primary UIC: 00251

1. Production Workload, continued

Table 1.1.j: **Workload Breakout by Type of Availability**

Class of Vessel	FY 1998				FY 1999			
	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)
MCM1/MCS12/ MHC51								
AFDB/AFDL/ AFDM/ARDM								
NR-1								
AGF3/AGF11								
CG 47								
DD 963								
DDG 51								
DDG 993								
FFG 7								
LHA 1								
LHD 1								
CGN 38	INACT (1)				INACT (3)			
SSN 637	DSRA (1)	IRR (8)			DSRA (1)	IRR (10)		
CGN 9								
CGN 25	INACT (1)				INACT (1)			
CGN 35	INACT (1)							
CGN 36					SRA (1)			
AGSS 555	ROH (1)							
AS 11								
AS 19								
DDG 31								
TAG 195								
AS 31	INACT (1)							
SSBN 616	RCD (1)				RCD (1)			

Primary UIC: 00251

Class of Vessel	FY 1998				FY 1999			
	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)
SSBN 627								
SSBN 640	RCD (1)				IRR (2)			
SSN 598/608	SR (1)				SR (3)			
SSN 585/588	SR (1)				SR (1)			
SSN 594	SR (2)				SR (2)			
SSN 685					SR (1)			

NOTE: Due to the nature of submarine inactivation work the following symbols have been used, in lieu of INACT, to better define the appropriate availability work scope:

INACT: Inactivation only
IRCD: Inactivation & Reactor Compartment Disposal
IRR: Inactivation, Reactor Compartment Disposal, & Hull Recycling
RCD: Reactor Compartment Disposal & Hull Recycling
SR: Hull Recycling only
ORC: Reactor Compartment Disposal only

Primary UIC: 00251

1. Production Workload, continued

Table 1.1.k: **Workload Breakout by Type of Availability**

Class of Vessel	FY 2000				FY 2001			
	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)
SSBN 726	ROH (1)				ROH (1)			
SSN 688	DSRA (3)	IRR (1)			DSRA (2)	IRR (2)		
SSN 21								
CVN 68	DPIA (1)	PIA (1)			PIA (2)			
CV 62								
AD 41								
AOE 1								
AOE 6								
ARS 50								
AS 36/39	INACT (1)							
LCC 19								
LCC 20								
LPD 4								
LPH 2								
LSD 36								
LSD 41								

NOTE: Due to the nature of submarine inactivation work the following symbols have been used, in lieu of INACT, to better define the appropriate availability work scope:

INACT: Inactivation only
IRCD: Inactivation & Reactor Compartment Disposal
IRR: Inactivation, Reactor Compartment Disposal, & Hull Recycling
RCD: Reactor Compartment Disposal & Hull Recycling
SR: Hull Recycling only
ORC: Reactor Compartment Disposal only

Primary UIC: 00251

1. Production Workload, continued

Table 1.1.1: **Workload Breakout by Type of Availability**

Class of Vessel	FY 2000				FY 2001			
	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)
MCM1/MCS12/ MHC51								
AFDB/AFDL/ AFDM/ARDM								
NR-1								
AGF3/AGF11								
CG 47								
DD 963								
DDG 51								
DDG 993								
FFG 7								
LHA 1								
LHD 1								
CGN 38	INACT (2)				INACT (3)			
SSN 637	DSRA (1)	IRR (5)			DSRA (1)	IRR (1)	RCD (5)	
CGN 9					INACT (1)			
CGN 25								
CGN 35								
CGN 36	SRA (1)				SRA (1)			
AGSS 555					ROH (1)			
AS 11								
AS 19								
DDG 31								
TAG 195								
SSBN 616	RCD (1)				RCD (1)			
SSBN 627					RCD (1)			
SSBN 640	IRR (2)							
SSN 598/608	SR (2)				SR (1)			

Primary UIC: 00251

Class of Vessel	FY 2000				FY 2001			
	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)
SSN 585/588	SR (1)				RCD (1)			
SSN 594	SR (1)				RCD (1)			
SSN 586					RCD (1)			

NOTE: Due to the nature of submarine inactivation work the following symbols have been used, in lieu of INACT, to better define the appropriate availability work scope:

INACT: Inactivation only
IRCD: Inactivation & Reactor Compartment Disposal
IRR: Inactivation, Reactor Compartment Disposal, & Hull Recycling
RCD: Reactor Compartment Disposal & Hull Recycling
SR: Hull Recycling only
ORC: Reactor Compartment Disposal only

Primary UIC: 00251

R

1. Production Workload, continued

1.2 KDLMY Workload. Identify the Direct Labor Man Years (KDLMYs) expended or projected to be expended in performance of the listed work packages for the period requested.

Table 1.2.a: **Historic/Projected Work Package Performance**

EVENT	FY 1990	FY 1991	FY 1992	FY 1993
CVN COH	.068	1.608	1.565	.439
CVN RCOH				
CVN DSRA	.674		.117	
CVN EDSR			.008	.108
CVN DPIA				
CVN SRA		.019	.627	
CVN ESRA				
CVN PIA				
SSBN INACT	.200	.278	.336	1.249
SSBN ERP				
SSBN ROH/RFOH				
SSBN EOH/ERO	.004	.025	.036	.438
SSN INACT	.583	.545	.750	.742
SSN ROH/RFOH	2.241	.417		
SSN EOH/ERO				
SSN DSRA	.065	.100	.003	.185
SSN DMP				
CGN INACT	.029	.060	.534	1.241
CGN COH/RCOH	1.043	1.031	.478	.131
CGN DSRA/SRA	.027	.054	.354	
Table 1.2.a Total	4.934	4.137	4.808	4.533

R

R

Primary UIC: 00251

1. Production Workload, continued

1.2 KDLMY Workload. Identify the Direct Labor Man Years (KDLMYs) expended or projected to be expended in performance of the listed work packages for the period requested.

Table 1.2.a: **Historic/Projected Work Package Performance**

EVENT	FY 1990	FY 1991	FY 1992	FY 1993
CVN COH	.068	1.608	1.565	.439
CVN RCOH				
CVN DSRA	.674		.117	
CVN EDSR			.008	.108
CVN DPIA				
CVN SRA		.019	.627	
CVN ESRA				
CVN PIA				
SSBN INACT	.200	.278	.336	1.249
SSBN ERP				
SSBN ROH/RFOH				
SSBN EOH/ERO		.013	.007	.464
SSN INACT	.583	.545	.750	.742
SSN ROH/RFOH	2.241	.417		
SSN EOH/ERO				
SSN DSRA	.065	.100	.003	.185
SSN DMP				
CGN INACT	.029	.060	.552	1.281
CGN COH/RCOH	1.043	1.031	.478	.131
CGN DSRA/SRA	.027	.054	.354	
Table 1.2.a Total	4.930	4.125	4.797	4.599

Primary UIC: 00251

1. **Production Workload, continued**

Table 1.2.b: **Historic/Projected Work Package Performance**

EVENT		FY 1990	FY 1991	FY 1992	FY 1993	
Non Nuclear ROH						
Non Nuclear COH						
Non Nuclear DPMA						
Non Nuclear PMA						
Non Nuclear DSRA			.065	.121	.011	
Non Nuclear SRA						
Non Nuclear SCO						
Other INACTs			.001	.118	.143	
OPW:	Nuclear			.243	.189	
	NonNuclear	.924	.780	.413	.611	
RATA:	Nuclear			.073	.102	
	NonNuclear			.171	.238	
Table 1.2.b Total		.924	.846	1.139	1.294	
Table 1.2.a Total		4.934	4.137	4.808	4.533	R
Annual Total		5.858	4.983	5.947	5.827	R

Primary UIC: 00251

1. Production Workload, continued

Table 1.2.b: **Historic/Projected Work Package Performance**

EVENT		FY 1990	FY 1991	FY 1992	FY 1993
Non Nuclear ROH					
Non Nuclear COH					
Non Nuclear DPMA					
Non Nuclear PMA					
Non Nuclear DSRA			.065	.121	.011
Non Nuclear SRA					
Non Nuclear SCO					
Other INACTs			.001	.118	.143
OPW:	Nuclear			.243	.189
	NonNuclear	1.203	1.877	1.942	.611
RATA:	Nuclear			.073	.102
	NonNuclear			.171	.238
Table 1.2.b Total		1.203	1.943	2.668	2.049
Table 1.2.a Total		4.930	4.125	4.797	4.599
Annual Total		6.133	6.068	7.465	6.648

Primary UIC: 00251

1. **Production Workload, continued**

Table 1.2.c: **Historic/Projected Work Package Performance**

EVENT	FY 1994	FY 1995	FY 1996	FY 1997
CVN COH				
CVN RCOH				
CVN DSRA	.016	.085	1.303	.214
CVN EDSR	1.240	.219		
CVN DPIA				
CVN SRA	.047	.115	.348	.156
CVN ESRA				
CVN PIA				.893
SSBN INACT	1.171	.985	.311	.405
SSBN ERP				
SSBN ROH/RFOH				
SSBN EOH/ERO	.769	.436	.424	.437
SSN INACT	.885	1.300	1.690	1.307
SSN ROH/RFOH				
SSN EOH/ERO				
SSN DSRA	.071	.203	.092	.110
SSN DMP				
CGN INACT	.123	1.079	.149	.463
CGN COH/RCOH				
CGN DSRA/SRA	.013	.314	.084	.212
Table 1.2.c Total	4.335	4.736	4.401	4.197

Primary UIC: 00251

1. Production Workload, continued

Table 1.2.c: **Historic/Projected Work Package Performance**

EVENT	FY 1994	FY 1995	FY 1996	FY 1997
CVN COH				
CVN RCOH				
CVN DSRA	.016	.085	1.303	.214
CVN EDSR	1.240	.219		
CVN DPIA				
CVN SRA	.047	.115	.348	.156
CVN ESRA				
CVN PIA				.893
SSBN INACT	1.171	.985	.311	.405
SSBN ERP				
SSBN ROH/RFOH				
SSBN EOH/ERO	.805	.436	.424	.437
SSN INACT	.885	1.300	1.690	1.307
SSN ROH/RFOH				
SSN EOH/ERO				
SSN DSRA	.071	.203	.092	.110
SSN DMP				
CGN INACT	.122	1.079	.149	.463
CGN COH/RCOH				
CGN DSRA/SRA	.013	.314	.084	.212
Table 1.2.c Total	4.370	4.736	4.401	4.197

R

Primary UIC: 00251

1. Production Workload, continued

Table 1.2.d: **Historic/Projected Work Package Performance**

EVENT		FY 1994	FY 1995	FY 1996	FY 1997	
Non Nuclear ROH				.007	.168	
Non Nuclear COH						
Non Nuclear DPMA						
Non Nuclear PMA						
Non Nuclear DSRA						
Non Nuclear SRA						
Non Nuclear SCO		.035	.032			
Other INACTs		.011		.006	.037	
OPW:	Nuclear	.340	.313	.312	.312	
	NonNuclear	1.234	1.559	1.524	1.467	
RATA:	Nuclear	.037	.028	.018	.035	
	NonNuclear	.087	.065	.042	.082	
Table 1.2.d Total		1.744	1.997	1.902	2.101	R
Table 1.2.c Total		4.335	4.736	4.401	4.197	
Annual Total		6.079	6.733	6.303	6.298	R

Primary UIC: 00251

1. Production Workload, continued

Table 1.2.d: **Historic/Projected Work Package Performance**

EVENT		FY 1994	FY 1995	FY 1996	FY 1997
Non Nuclear ROH				.007	.168
Non Nuclear COH					
Non Nuclear DPMA					
Non Nuclear PMA					
Non Nuclear DSRA					
Non Nuclear SRA					
Non Nuclear SCO		.035	.032		
Other INACTs		.011		.006	.037
OPW:	Nuclear	.574	.726	.709	.692
	NonNuclear	.990	1.140	1.120	1.079
RATA:	Nuclear	.037	.028	.018	.035
	NonNuclear	.087	.065	.042	.082
Table 1.2.d Total		1.734	1.991	1.902	2.093
Table 1.2.c Total		4.370	4.736	4.401	4.197
Annual Total		6.104	6.727	6.303	6.290

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Primary UIC: 00251

1. Production Workload, continued

1.3 Emergent Repair. Identify the total Direct Labor Man Years (DLMYs) expended by your activity in providing emergent repair of operational ships. Breakout the annual totals by type of work performed, (not by propulsion system of the originating platform). [For this question, and this question only, nuclear work is to be construed as repair on the reactor plant, including its associated primary systems and those portions of secondary systems whose maintenance is under the technical cognizance of NAVSEA 08.]

Table 1.3: **Emergent Repairs**

Type of Work	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994 (01 Oct-31 Mar)
Nuclear *	75	75	75	73	102	37
Conventional *	175	175	175	171	238	87
Total	270	250	250	244	340	124

* Estimated
NOTE: Data is reported in DLMYs, not K-DLMYs. R

1.4 Other Shipboard Work. List and describe any other nuclear and conventional ship work not reported in question 1.2 above.

NONE

Primary UIC: 00251

1. Production Workload, continued

1.3 Emergent Repair. Identify the total Direct Labor Man Years (DLMYs) expended by your activity in providing emergent repair of operational ships. Breakout the annual totals by type of work performed, (not by propulsion system of the originating platform). [For this question, and this question only, nuclear work is to be construed as repair on the reactor plant, including its associated primary systems and those portions of secondary systems whose maintenance is under the technical cognizance of NAVSEA 08.]

Table 1.3: **Emergent Repairs**

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Conventional *	175	175	175	171	238	87
Total	270	250	250	244	340	124

* Estimated

1.4 Other Shipboard Work. List and describe any other nuclear and conventional ship work not reported in question 1.2 above.

NONE

Primary UIC: 00251

2. Operating Factors

2.1 Special Equipment and Skills. Identify any specialized, unique, or peculiar characteristics about the facilities, equipment, or skills at this activity. Highlight those capabilities that are one of a kind within the DON/DoD.

Louis Allis Power 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.

This facility is used to test ships' pumps and valves following shop overhaul and repair. It is unique because it allows full performance shop testing of nearly all steam or electrically driven pumps and valves with water, lube oil, or JP-5 mediums. The following is a list of the test medium capabilities:

FUEL OIL:
60 - 100 DEGREES F TEMPERATURE
4 - 1,100 GPM FLOW
1,100 PSIG DISCHARGE PRESSURE (MAXIMUM)
12" HG VACUUM - 15 PSIG SUCTION PRESSURE

LUBE OIL:
60 - 160 DEGREES F TEMPERATURE
3 - 1,100 GPM FLOW
150 PSIG DISCHARGE PRESSURE (MAXIMUM)
12" HG VACUUM - 15 PSIG SUCTION PRESSURE

HOT WATER:
60 - 250 DEGREES F TEMPERATURE
10 - 2,500 GPM FLOW
1,000 PSIG DISCHARGE PRESSURE (MAXIMUM)
25 IN HG VACUUM - 100 PSIG SUCTION PRESSURE

COLD WATER:
60 - 130 DEGREES F TEMPERATURE
2 - 8,000 GPM FLOW
150 PSIG DISCHARGE PRESSURE (MAXIMUM)
0 - 15 PSIG SUCTION PRESSURE

STEAM:
1,000 DEGREES F TEMPERATURE (MAXIMUM)
45,000 POUNDS STEAM PER HOUR (MAXIMUM)
1,500 PSIG PRESSURE (MAXIMUM)

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ELECTRICITY:
A/C: 3/4 - 265 HP
MOTOR STARTERS: NEMA SIZE 4-6
DC: 1.5 - 150 HP
MOTOR STARTERS: NEMA SIZE 1-6

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.

Reactor Compartment Disposal

a. 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 close proximity to a nuclear capable shipyard where the existing dry docks, reactor servicing and other necessary infrastructure existed to safely defuel and remove the reactor compartments. Other Federal disposal sites did not have these combined features.

d. 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.

S3G, D2G, S6G, & S8G Reactor Servicing

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

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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 checkout work for the future servicing operations on the D2W and A4W reactor plants. Thus demonstrating the exceptionally wide and varied knowledge, experience and facility base available, enabling the Shipyard to perform any required servicing operation on most of the existing Naval Nuclear reactor types.

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.

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Primary UIC: 00251

2.2 Planning Yard Mission. Identify the classes of ships (include one-of-a-kind) for which your activity serves as the planning yard.

AE 0021	IX 0507	YC ALL	YRR ALL
AE 0026	IX 0508	YCF 0014	YRST ALL
AFS 0001	IX 0509	YCV 0007	YSD ALL
AFS 0008	IX 0510	YD ALL	YSR ALL
AGFF 0003	IX 0512	YDT ALL	YTB ALL
AO 0177	IX 0514	YF ALL	YTL 0422
AO 0187	IX 0515	YFB ALL	YTT 0009
AOE 0001	IX 0516	YFN ALL	YW ALL
AOE 0006	IX 0517	YFNB ALL	YWN ALL
AOR 0001	LCAC ALL	YFND ALL	
APL 0002	LKA 0113	YFP ALL	
APL 0017	LPD 0001	YFRT ALL	
APL 0041	LPD 0004	YFU ALL	
APL 0053	LPD 0007	YGN ALL	
CG 0016	LPD 0014	YM ALL	
CG 0026	LSD 0028	YMN 0001	
CV 0059	LSD 0036	YNG ALL	
CV 0063	LSD 0041	YO ALL	
CVN 0065	MCM 0001	YOG ALL	
IX 0021	MHC 0051	YOGN ALL	
IX 0035	PC 0001	YON ALL	
IX 0308	TARC 0002	YOS ALL	
IX 0310	TARC 0007	YP ALL	
IX 0501	USS CONSTITUTION	YPD ALL	
IX 0504	YAG ALL	YR ALL	
IX 0506	YC ALL	YRB ALL	
		YRBM ALL	
		YRDH ALL	
		YRDM ALL	
		YRR ALL	

2.3 Reactor Compartment Disposal. Does your activity remove reactor compartments from inactive nuclear powered vessels?
Yes

2.4 Non-Shipwork. Identify the work, in total Direct Labor Man Years (DLMYs), performed by your activity during FY 1993 in support of other DON industrial facilities (e.g. Naval Aviation Depots (NADEPs), Aviation Intermediate Maintenance Departments (AIMDs), Marine Corps Logistics Bases (MCLBs), Shore Intermediate Maintenance Activities (SIMAs), Fleet and Industrial Support Centers (FISCs), etc.).

Non-Shipwork DON Industrial support = 10.6 (estimated) DLMYs

NOTE: Data is reported in DLMYs, not K-DLMYs. R

Primary UIC: 00251

2.2 Planning Yard Mission. Identify the classes of ships (include one-of-a-kind) for which your activity serves as the planning yard.

AE 0021	IX 0507	YC ALL	YRR ALL
AE 0026	IX 0508	YCF 0014	YRST ALL
AFS 0001	IX 0509	YCV 0007	YSD ALL
AFS 0008	IX 0510	YD ALL	YSR ALL
AGFF 0003	IX 0512	YDT ALL	YTB ALL
AO 0177	IX 0514	YF ALL	YTL 0422
AO 0187	IX 0515	YFB ALL	YTT 0009
AOE 0001	IX 0516	YFN ALL	YW ALL
AOE 0006	IX 0517	YFNB ALL	YWN ALL
AOR 0001	LCAC ALL	YFND ALL	
APL 0002	LKA 0113	YFP ALL	
APL 0017	LPD 0001	YFRT ALL	
APL 0041	LPD 0004	YFU ALL	
APL 0053	LPD 0007	YGN ALL	
CG 0016	LPD 0014	YM ALL	
CG 0026	LSD 0028	YMN 0001	
CV 0059	LSD 0036	YNG ALL	
CV 0063	LSD 0041	YO ALL	
CVN 0065	MCM 0001	YOG ALL	
IX 0021	MHC 0051	YOGN ALL	
IX 0035	PC 0001	YON ALL	
IX 0308	TARC 0002	YOS ALL	
IX 0310	TARC 0007	YP ALL	
IX 0501	USS CONSTITUTION	YPD ALL	
IX 0504	YAG ALL	YR ALL	
IX 0506	YC ALL	YRB ALL	
		YRBM ALL	
		YRDH ALL	
		YRDM ALL	
		YRR ALL	

2.3 Reactor Compartment Disposal. Does your activity remove reactor compartments from inactive nuclear powered vessels?
Yes

2.4 Non-Shipwork. Identify the work, in total Direct Labor Man Years (DLMYs), performed by your activity during FY 1993 in support of other DON industrial facilities (e.g. Naval Aviation Depots (NADEPs), Aviation
Intermediate Maintenance Departments (AIMDs), Marine Corps Logistics Bases (MCLBs), Shore Intermediate Maintenance Activities (SIMAs), Fleet and Industrial Support Centers (FISCs), etc.).

Non-Shipwork DON Industrial support = 10.6 (estimated) DLMYs

Primary UIC: 00251

2.5 Interservice Workload. Identify the productive work your activity provides to customers other than USN vessels (e.g. non-shipwork, such as repairables, calibration; non-DON vessels, such as MSC or USCG ships; work for other DoD elements, other agencies of the Federal government or the commercial sector). Specify any related specialized, unique or peculiar capabilities of your activity which support such workload. Highlight those areas where your activity is the only DON/DoD source for that workload.

Puget Sound Naval Shipyard has actively pursued non-shipboard work as a means of maintaining the core capabilities expertise essential to meeting our mission assignments. The following list illustrates the wide range of customers that look to this Shipyard for services other than shipboard repairs and alternations.

BUREAU of MINES
Toolmaking services--unique
machine tools

COMMANDER LOGISTICS GROUP ONE
Circuit Breaker Repairs
Radar Waveguide Repairs

NAVAL AIR SYSTEM COMMAND, PACIFIC
Fabricate Aircraft Tiedowns
Fabricate Electrical Switchboards and
Manual Buss Transfers (MBT)

NAVAL AIR WARFARE CENTER, LAKEHURST
Airborne Surveillance Camera Mirror
Box Aluminum Castings

NAVAL AIR WARFARE CENTER,
WEAPONS DIVISION CHINA LAKE
Ductile Iron Test Article Castings

NAVAL AVIATION SUPPLY OFFICE
Fabricate/Repair Catapult Cylinders
and Related Equipment

NAVAL FACILITIES ENGINEERING COMMAND --
ENGINEERING FIELD ACTIVITY, NORTHWEST (EFA, NW)
Maintenance/Repair of Piers, Drydocks
and Drydock Caissons
Install/Remove Sinclair Inlet Sensors
Diving Services (Underwater Environmental
Cleanup)
Photography Services

NAVAL SEA SYSTEMS COMMAND
High Velocity Oxygen Fuel Machine and
Shaft Seal Housing Thermal Spray Zinc Coating
Modify Chemical Proportioning Pumps
Fabricate Engine Wiring Harnesses
Fabricate MCM Class Cable
Handling Sling Assemblies

NAVAL SEA SYSTEM COMMAND,
DETACHMENT PERA(CV)
Circuit Breaker Depot Level Repairs
Fabricate Enhanced Quality of

Primary UIC: 00251

Living (EQOL) Items
Fabricate Organization Level Maintenance
Upgrade (OLM) Items
Fabricate Phased Renovation and
Repair Program(PRRP) Items
ADP Equipment Maintenance/Support
CARPER Equipment Engineering Services
Photography/Printing Services
Miscellaneous Material Support

NAVAL SHIP PARTS CONTROL CENTER, MECHANICSBURG

Aircraft Tie Down Fittings
Depot Level Repairables -- Electrical
Test Panels, Circuit Breakers, Printed
Circuit Boards, Risics Flexible Connections
Gas Analyzers, Electronic Equipment Cooling
Blower Assemblies, Electrical Power Dist.
Switchboards
Oxygen Cleaning Level 1 & SUBSAFE Equip

NAVAL STATION SEATTLE

Steam Dry Piping System
Installation -- Everett Homeport

NAVAL SURFACE WARFARE CENTER, DIVISION CRANE

Electronic Equipment Repairs
Electronic Equipment Test Procedures
and Documentation Library Maintenance

NAVAL SURFACE WARFARE CENTER, DIVISION CRANE, LOUISVILLE ORDNANCE STATION

Forgings, Castings and Watertight
Door Fabrication

NAVAL SURFACE WARFARE CENTER, DIVISION PHILADELPHIA

Wire Rope Cleaning/Preservation
Testing and Evaluation

NAVAL SURFACE WARFARE CENTER, DIVISION PORT HUENEME

Electronic Equipment Repairs

NAVAL UNDERSEA WARFARE CENTER, DIVISION KEYPORT

Castings, Forgings and Heat Treating
Services
Fabricate Torpedo Protection Rings
Fabricate Torpedo Shipping Containers
Facility Boiler System Repairs
Thermal Spray Coating Services
Chemical Laboratory Analysis Services
Instrumentation Calibration
Fabricate Power Amplifiers and
Transformers
Periscope Repair and Alignment
Rubber Molding

Primary UIC: 00251

NORFOLK NAVAL SHIPYARD
Fabricate Diver Wet Suits

NORTHROP AVIATION, CORPORATION
Target Drone Surface Scanning

PEARL HARBOR NAVAL SHIPYARD
Fabricate Water-tight and Metal
Joiner doors

PETERSON BUILDERS, INC
Welding Process Study and Thermal
Spray Specification Manual Development

SUPERVISOR of SHIPBUILDING AND REPAIR, NEWPORT NEWS
Fabricate Metal Joiner Doors

TRIDENT REFIT FACILITY, BANGOR
Welding Certification Billet Castings
Vacuum Recovery Unit Repairs
Building Pipe Insulation Replacement
Procure Breathing Air Compressor and
Oxygen Cleaning Facility
Fabricate Sandblast Protective Clothing

US ARMY CORPS OF ENGINEERS
Motor Repair and Lifting Cable on
Stiffleg Crane at Ballard Locks

US ARMY, FORT LEWIS, WA
Fabricate Slings and Bridles

WESTPAC SHIP REPAIR FACILITIES -- SRF GUAM, SRF SASEBO and SRF YOKOSKA
ADP Equipment Repair/Technical Support
Flame Bending and Thermal Spray
Coating Procedure Training
Electronic Equipment Repair
Material Support, Component Fabrication
and Equipment Reutilization
On-Site Technical Support

Primary UIC: 00251

Puget Sound Naval Shipyard also provides Depot Level Repair services to various activities in support of a large number of different pieces of equipment. The below listed on-going programs represent the trade skills areas this Shipyard has been designated as the Depot Overhaul Point or the primary support activity. Dollar figures provided indicate the annual budget allocated for each of the programs.

ENVIRONMENTAL and SUBSAFE AUDIT SUPPORT

NAVAL SEA SYSTEMS COMMAND
CHARLESTON NAVAL SHIPYARD
NAVAL SHIP REPAIR FACILITY YOKOSUKA

CALIBRATION/REPAIR OF ELECTRICAL, ELECTRONIC and MECHANICAL TEST EQUIPMENT

CINCPACFLT
COMMANDER NAVAL SURFACE FORCES, PACIFIC
FLEET and INDUSTRIAL SUPPORT CENTER, PUGET SOUND
NAVAL HOSPITAL BREMERTON, WA
STRATEGIC WEAPONS STORAGE FACILITY PACIFIC, BANGOR
US COAST GUARD, DISTRICT 13
STRATEGIC WEAPONS STORAGE FACILITY ATLANTIC, KINGS BAY
NAVAL RESERVE MINESWEEPERS IN PUGET SOUND AREA

CRYPTO REPAIR/SERVICE

Repair of Encryption Equipment at the Crypto Repair Facility, Puget Sound Naval Shipyard

NAVAL FACILITIES ENGINEERING COMMAND
NAVAL AIR STATION WHIDBEY ISLAND
NAVAL COMMUNICATIONS/TELEPHONE STATION, PUGET SOUND
TRIDENT TRAINING FACILITY
COMMANDER SUBMARINE SQUADRON 17
US COAST GUARD, DISTRICTS 13 & 17 (Repair of USCG Equipment with some Onboard Equipment Installation.)

OPTICAL EQUIPMENT REPAIR

Repair Binocular, Alidades, Big-Eyes, Video Probes, and Goggles

US COAST GUARD, DISTRICT 13
OREGON AIR NATIONAL GUARD
TRIDENT REFIT FACILITY

NAVIGATION EQUIPMENT REPAIR

We are a designated overhaul point of inertial and conventional navigational systems (i.e. MK19, 23 & 27 Gyrocompasses, all MK and MOD Dead Reckoning Equipment, all MK and MOD Tactical Plotters, all MK and MOD Electromagnetic Log Equipment, all MK and MOD Inertial Navigation Systems, all Navigation Transmission Systems [Synchro Signal Amplifiers, Repeaters, and Indicators.]) We are also a Certified Repair Facility for AN/WSN-1(V)2 and AN/WSN-3A(V)2 Blower Assemblies.

NAVAL UNDERSEA WARFARE CENTER, DETACHMENT NORFOLK
NAVAL AIR SYSTEM COMMAND PACIFIC
NAVAL SEA SYSTEMS COMMAND

Primary UIC: 00251

NTDS EQUIPMENT RESTORATION PROGRAM
Depot Level Repairs of NTDS Equipment (including Foreign Military Sales)

NAVAL SEA SYSTEMS COMMAND
NAVAL UNDERSEA WARFARE CENTER, DETACHMENT NORFOLK
PHILADELPHIA NAVAL SHIPYARD
FLEET TRAINING CENTER PACIFIC
FLEET TRAINING CENTER ATLANTIC
PEARL HARBOR NAVAL SHIPYARD
MIDPAC HAWAII
NAVAL SURFACE FORCES PACIFIC
NAVAL AIR SYSTEM COMMAND
NAVAL SHIP REPAIR FACILITY YOKOSUKA
CINCPACFLT
CHARLESTON NAVAL SHIPYARD
HUGHES AIRCRAFT
ROYAL AUSTRALIAN NAVY

PERISCOPE RESTORATION TYPE 2, 8, 15, AND 18 PERISCOPES
We are a Designated Repair Facility for Type 2, 8, and 15 Periscopes. We are also a Depot Repair Facility for Type 18 Periscopes by NAVSEA direction. We are currently working with NUWC NEWPORT to become certified for Type 18 Periscope Eyepiece Box Repair.

NAVAL UNDERSEA WARFARE CENTER, DIVISION NEWPORT
NAVAL SEA SYSTEMS COMMAND
OREGON MUSEUM OF SCIENCE & INDUSTRY
CHICAGO MUSEUM OF SCIENCE & INDUSTRY

RADIAC EQUIPMENT CALIBRATION/PERISCOPE RESTORATION REPAIR PROGRAM

PSNS AND ALL HOMEPORTED SHIPS
LOCAL AREA SHIPS
NAVAL UNDERSEA WARFARE CENTER, DIVISION KEYPORT
NAVAL STATION PUGET SOUND
FLEET and INDUSTRIAL SUPPORT CENTER, PUGET SOUND
NAVAL AIR STATION ADAK, AK
NAVAL AIR STATION ALAMEDA, CA
NAVAL AIR STATION (AVIATION DEPOT) ALAMEDA, CA
NAVAL AIR STATION WHIDBEY
EOD MOBILE UNIT ELEVEN DETACHMENT ADAK, AK
EOD MOBILE UNIT ELEVEN DETACHMENT BANGOR, WA
EOD MOBILE UNIT ELEVEN OAK HARBOR, WA
US NAVAL HOSPITAL BREMERTON, WA
NAVAL INACTIVE SHIP MAINTENANCE FACILITY, PUGET SOUND
NAVAL FACILITY PACIFIC BEACH, WA
STRATEGIC WEAPONS STORAGE FACILITY PACIFIC
TRIDENT TRAINING FACILITY
TRIDENT REFIT FACILITY
NAVAL RADIO STATION JIM CREEK

Primary UIC: 00251

Features and Facilities

3. Facility Measures

3.1 Identify, by three digit Category Code Number (CCN), *all facilities* at this activity, and their current condition and area in thousands of square feet (KSF). Duplicate the table as necessary to report all facilities of any tenants for whom your activity serves as host.

Table 3.1: **Facility Conditions**

CCN	Facility Type	Condition			Comments
		Adequate	Substandard	Inadequate	
125-20	Shltr Misc Pipe	1	2	0	
131-25	Telemetry Bldg	.5	0	0	
131-40	Tele Ex Bldg	6	0	0	
141-60	Photo Building	3	0	0	
143-45	Armory	0	1	0	
143-70	Hlth Physics Bl	3	5	0	
143-77	Opertnl Strg	0	29	0	
151-20	GP Berth Pier	6,300 FB	3,450 FB		
151-50	GP Repair Pier	7,413 FB	0		
154-20	Quaywall	2170	0		
155-20	Small Craft Berthing	160 FB	660 FB		
159-64	Wtrfr Oper Bldg	0	0	6	E45, C03, A30
171-10	Acd/Gen Ins Bld	0	74	0	
171-50	Sm Arms Rnge/In	5	0	0	
213-10	Drydocks	714	124	1	F32
213-40	Fixed Crane Structures (ea.)	3	0		
213-41	Cntrl Tool Shop	50	104	0	
213-42 NOTE 1	Shipftng Shop	1	349	0	
213-43	Sheet Metl Shop	86	2	0	
213-44	Forge & Heat Tr/S	0	41	0	
213-45	Welding Shop	25	6	1	E45, C03, A30
213-48	Qual Assur Off	26	20	46	A30, F23, C45 A30, C30, E45 A30, C45, F45
213-49	In/Mach Shop	0	271	0	
213-52	Marine Mach Shp	0	132	0	
213-53	Boilermkng Shop	1	50	0	

Primary UIC: 00251

213-54	Electrical Shop	0	89	0	
213-55	Pipefitting Shop	0	159	0	
213-56	Woodworking Shop	75	2	1	F30
213-57	Electrics Shop	9	129	.5	F30
860-10	Railraod Trackage	13 MI NOTE 2			
860-10	Railroad Trackage	37 MI NOTE 3			

NOTE 1: 3,000 SF upgraded from inadequate to substandard, FPD change in progress.
NOTE 2: Within the Shipyard
NOTE 3: Outside the Shipyard-Shelton-Bangor Railroad Spur-Shipyard owns.

Primary UIC: 00251

3. Facility Measures, continued

Table 3.1: **Facility Conditions**

CCN	Facility Type	Condition			Comments
		Adequate	Substandard	Inadequate	
213-60	Paint & Blasting	7	66	3	D30, F30
213-61	Rigging Shop	18	61	10	A30, E20, F30
213-63	Foundry	4	77	0	
213-64	Patternmaking	0	58	0	
213-65	Nuc Repair Shop	110	0	0	
213-66	Temp Servc Shop	75	0	0	
213-67	Pumphouse/Drydock	9	0	0	
213-70	Wtrfr Sv Spt Bl	77	33	5	A30, F30, F26 F30, F26, C05
213-77	Misc Strg Rdy I	11	102	0	
214-20	Auto Veh Shop	0	40	0	
217-77	Elec Sp/Msc Stg	0	0	.7	A30, F23, C45
218-20	Con W/Hnd Eq Sh	0	18	0	
218-40	RR Eq Mnt Shop	0	9	0	
219-10	PW Shop	15	40	0	
219-20	Pav/Grnds Eq Sh	.1	1	0	
219-77	PW Maint Strge	3	22	0	
313-10	Ship/Marine Lab	0	4	0	
441-10	Gen Whse/Bulk	63	378	0	
441-30	Haz Flam Sthse	0	0	21	E05, C45, B30
441-35 NOTE 1	Gen Strg Shed	16	20	2	
441-71	Integ Log OH/OU	10	0	0	
451-10	Open Storage Ar	15	0	0	
610-10	Admin Off	449	201	35	A30, F23, C45
610-20	Data Proc Ctr	12	0	0	
610-30	Class Incin/Bld	1	0	0	
610-40	Legal Serv Fac	0	8	0	
610-77	Admin Strg Fac	11	28	2	C26, A27, A30
714-10	Detached Garage	10	0	0	

Primary UIC: 00251

CCN	Facility Type	Condition			Comments
		Adequate	Substandard	Inadequate	
721-11	BEQ E1/E4	121	0	25	C02, C10, C45

NOTE 1: 2,080 SF upgraded from inadequate to substandard, FPD change in progress.

Primary UIC: 00251

3. Facility Measures, continued

Table 3.1: **Facility Conditions**

CCN	Facility Type	Condition			Comments
		Adequate	Substandard	Inadequate	
721-12	BEQ E5/E6	70	0	0	
721-13	BEQ E7/9-MC 6/9	39	0	0	
722-10	Enlst Dinig Fac	7	0	0	
724-11	BOQ W-1/O-2	36	0	0	
724-12	BOQ O-3 & Above	2	0	0	
730-10	Fire Station	19	0	0	
730-13	Iss/Rtl Clth Un	0	4	0	
730-20	Police Station	9	16	0	
730-25	Gate/Sent House	1	1	0	
730-36	Lunch/Locker Rm	9	37	0	
730-65	Fallout Shelter	4	0	0	
730-70	Decontam Fac	0	1	0	
730-75	Public Toilet	6	7	0	
730-77	Misc Pers Sup S	0	5	0	
730-81	Rehab Center	5	0	0	
730-82	Bev Cont Re Ctr	0	5	0	
730-83	Chapel	0	2	0	
730-85	Post Office	1	0	0	
740-01	Exchange Retail	38	1	0	
740-03	Ex Cntl Admin	0	7	0	
740-04	Ex Cafe	1	0	0	
740-09	Ex Svc Outlets	1	2	0	
740-16	Ex Mainte Shop	0	15	0	
740-20	Temporary Lodng	1	0	0	
740-25	Family Svc C	5	0	0	
740-26	Install. Rest.	12	29	0	
740-34	Thrift Shop	0	6	0	
740-36	Hobby Shop-AR/C	3	2	0	
740-37	Temporary Lodng	0	10	0	

Primary UIC: 00251

3. Facility Measures, continued

Table 3.1: **Facility Conditions**

CCN	Facility Type	Condition			Comments
		Adequate	Substandard	Inadequate	
740-38	Auto Hobby Shop	14	0	0	
740-40	Bowling Alley	17	0	0	
740-43	Gymnasium	0	24	0	
740-53	Indr Swim Pool	0	0	4	A23, C26, C05
740-60	Officers Club	0	0	17	F30
740-63	EP Service Club	24	11	0	
740-70	CPO Club	8	0	0	
740-71	Class VI Store	0	4	0	
740-74	Child Care Ctr	14	0	0	
740-76	Library	0	4	0	
740-77	Misc Comm Strge	0	0	11	C26, A30, A27
740-78	Recreation Pav	1	0	0	
740-84	Indr Play Crts	0	2	0	
740-86	Retail Warehse	23	0	0	
740-88	Education Cntr	4	0	0	
811-09	Std-by Genr Bld	15	0	0	
812-09	Elec Distr Bldg	13	23	0	
813-10	SW/Sub Bld/Shlt	14	6	5	A30, C26, F10 D11, B11 F11
821-09	Heat Plant Bldg	113	0	0	
822-09	Stm/Ht Bld/Shlt	69	2	0	
831-14	Ind Wst Trt Bld	23	0	0	
831-39	R/Act W/Hndl Bd	1	0	0	
831-41	Hazd Waste Stor	15	0	0	
831-42	Haz Waste Area	54	0	0	
842-09	Wtr Dist Bldg	1	0	0	
852-40	Misc Open Stor	1,764	0	0	
890-09	Mis Utl Plt Bld	13	1	0	
890-45	Valve House	2	0	0	

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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
11. Power Capacity
12. Wiring/Feeder
13. Alarm Systems
14. 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
33. Landscaping
34. Stabilization
35. Paved Surfacing
36. Explosive Quantity Distance
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
72. Physical Security

* Indicates generalized area of deficiency. Other codes are more specific.
NOTE: NAVY FACILITY ASSETS DATA BASE MANAGEMENT SYSTEM PROCEDURES MANUAL, NAVFAC P-78, AUG 92

Primary UIC: 00251

3. Facility Measures, continued

Table 3.1: **Facility Conditions**

CCN	Facility Type	Condition			Comments
		Adequate	Substandard	Inadequate	
SPECIAL AREA: Eastpark Trans Hsg					
219-10	PW Shop	2	0	0	
610-10	Admin Off	2	0	0	
714-32	Community Cntr	4	0	0	
714-77	Hsg,Det,Msc Stg	2	1	0	
740-22	Trans Hsg	256	0	0	
SPECIAL AREA: Olalla Family Housing					
711-30	Fund Housing, 1950-1969, Enlisted	17	0	0	
714-20	Detachd Carport	1	0	0	
SPECIAL AREA: Jackson Park Fam House					
143-77	Opertnl Strg	0	5	0	
219-10	PW Shop	3	0	0	
219-77	PW Maint Strge	5	5	0	
711-30	Fund Housing, 1950-1969, Enlisted	209	0	0	
711-31	Fund Housing, 1950-1969, WO, 0-1 through 0-3	34	0	0	
711-32	Fund Housing, 1950-2969, 0-4 & 0-5	7	0	0	
711-70	Fund Housing, after 1969, Enlisted	671	0	0	
714-20	Detachd Carport	183	0	0	
714-77	Hsg,Det,Msc Stg	5	0	0	
730-83	Chapel	5	0	0	
730-84	Religious Ed	1	0	0	
740-02	Location Exchng	3	0	0	
740-25	Family Svc C	3	0	0	
740-31	Ex Supp Gas Sta	1	0	0	
740-54	Rec Center	5	0	0	
740-78	Recreation Pav	1	0	0	

Primary UIC: 00251

Activity: NISMF BREMERTON WA
UIC: 55639

3. Facility Measures

3.1 Identify, by three digit Category Code Number (CCN), *all facilities* at this activity, and their current condition and area in thousands of square feet (KSF). Duplicate the table as necessary to report all facilities of any tenants for whom your activity serves as host.

Table 3.1: **Facility Conditions**

CCN	Facility Type	Condition			Comments
		Adequate	Substandard	Inadequate	
213-49	In/Mach Shop	1	0	0	
213-77	Misc Strg Rdy I	1	0	0	
441-71	Integrated Logistics Overhaul & Outfitting	58	0	0	
610-10	Admin Off	4	0	0	

Primary UIC: 00251

Activity: DPS NORTHWEST
UIC: 43644

3. Facility Measures

3.1 Identify, by three digit Category Code Number (CCN), *all facilities* at this activity, and their current condition and area in thousands of square feet (KSF). Duplicate the table as necessary to report all facilities of any tenants for whom your activity serves as host.

Table 3.1: **Facility Conditions**

CCN	Facility Type	Condition			Comments
		Adequate	Substandard	Inadequate	
229-50	Printing Plant	14	0	0	
610-10	Admin Off	19	0	0	

Primary UIC: 00251

Activity: DECA COMSY BREMERTON WA
UIC: HQCWGN

3. Facility Measures

3.1 Identify, by three digit Category Code Number (CCN), *all facilities* at this activity, and their current condition and area in thousands of square feet (KSF). Duplicate the table as necessary to report all facilities of any tenants for whom your activity serves as host.

Table 3.1: **Facility Conditions**

CCN	Facility Type	Condition			Comments
		Adequate	Substandard	Inadequate	
740-23	Commissary	46	0	0	
	NOTE: The new commissary condition is 46 K.S.F., adequate. NAVFAC P-164 data base is in process of being updated.				

Primary UIC: 00251

Activity: NAVRESCEN Bremerton WA
UIC: 63533

3. Facility Measures

3.1 Identify, by three digit Category Code Number (CCN), *all facilities* at this activity, and their current condition and area in thousands of square feet (KSF). Duplicate the table as necessary to report all facilities of any tenants for whom your activity serves as host.

Table 3.1: **Facility Conditions**

CCN	Facility Type	Condition			Comments
		Adequate	Substandard	Inadequate	
171-15	Resv Train Bldg	0	17	0	

Primary UIC: 00251

Activity: NAVDENCLINIC Bremerton WA
UIC: 68443

3. Facility Measures

3.1 Identify, by three digit Category Code Number (CCN), *all facilities* at this activity, and their current condition and area in thousands of square feet (KSF). Duplicate the table as necessary to report all facilities of any tenants for whom your activity serves as host.

Table 3.1: **Facility Conditions**

CCN	Facility Type	Condition			Comments
		Adequate	Substandard	Inadequate	
610-10	Admin Office	0	5	0	

Primary UIC: 00251

Activity: FISC PUGET SOUND Bremerton WA
UIC: 00406

3. Facility Measures

3.1 Identify, by three digit Category Code Number (CCN), *all facilities* at this activity, and their current condition and area in thousands of square feet (KSF). Duplicate the table as necessary to report all facilities of any tenants for whom your activity serves as host.

Table 3.1: **Facility Conditions**

CCN	Facility Type	Condition			Comments
		Adequate	Substandard	Inadequate	
441-30	Haz Flam Sthse	0	0	32	E05E40
451-10	Open Storage Ar	261	0	0	
610-10	Admin Off	0	3	0	

Primary UIC: 00251

3. Facility Measures, continued

3.2 In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means". For all the categories in Table 3.1, above, where inadequate facilities are identified provide the following information:

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

a. **159-64**, In-Service Craft Office, Building 100.
b. Nonexistent seismic design, deficient environmental control systems, building or structure physical condition.
c. Vacant. Building located on a condemned pier. Pier and building will be demolished.
d. Not economically feasible to upgrade the facility.
e. None.
f. None.
g. No.

a. **213-10**, Drydocks, Building 787.
b. Total obsolescence or deterioration of drainage.
c. Tunnel Drydock #1 to Pumpwell #1.
d. $36,000.
e. None.
f. FY97 - Repair tunnel.
g. No.

a. **213-45**, Welding Shop, Building 100.
b. Nonexistent seismic design, deficient environmental control systems, building or structure physical condition.
c. 7.5% currently used for welding storage. Remainder of building vacant. Building located on a condemned pier. Pier and building will be demolished.
d. Not economically feasible to upgrade the facility.
e. None.
f. None.
g. No.

a. **213-48**, Quality Assurance, Building 78, Metallurgical Lab, Building 371, and Chemical Lab, Building 453.
b. 78 - Structure physical condition, deteriorated walls, and seismic design.
371- Structure physical condition, structure design, seismic design.
453- Structure physical condition and seismic design.
c. 78 - Administration and storage.
371- Metallurgical lab.
453- Chemical lab.

d. 78 - Current plan is to demolish the building. Investigating the possibility of

upgrading building 78 at the cost of $4 million.
371- $1.5 million.
453- No detailed seismic studies have been done on the building to verify the degree of seismic deficiency. Unable to project a seismic upgrade cost without a detailed analysis.

e. None.
f. 371- FY94 - Modify lab facility. This modification does not upgrade the facility.
g. Yes.

a. **213-56**, Woodworking Shop, Building 697.
b. Total obsolescence or deterioration of the building.
c. Material shed.
d. Not economically feasible to upgrade the facility, an old wooden structure.
e. None.
f. None.
g. No.

a. **213-57**, Electrics Shop, Building 697.
b. Total obsolescence or deterioration of the building or structure.
c. Material shed.
d. Not economically feasible to upgrade the facility.
e. None.
f. None.
g. No.

a. **213-60**, Abrasive Blast/Paint Facility, Building 829.
b. Total obsolescence or deterioration of the building and deficient location.
c. Paint and blasting shop.
d. Similar functions are able to be performed at other facilities. The Shipyard does not plan to invest in the restoration, modification or conversion of the building.
e. None.
f. None.
g. No.

a. **213-61**, Riggers Gear, Building 579, Temporary Services, Building 582, Riggers Gear, Building 586, and Material Control Shed, Building 796.
b. 579- Total obsolescence or deterioration of the building.
582- Total obsolescence or deterioration of the building.
586- Total obsolescence or deterioration of the building.

796- Structural condition, no foundation, structural deterioration.

c. 579- Rigger's gear building.
582- Temporary services.
586- Rigger's gear building.
796- Material control shed.

d. Not economically feasible to upgrade the facilities. Each building is an old wooden structure.
e. None.
f. None.
g. No.

a. **213-70**, Ship Service Support, Buildings 482, 529 and 585.
b. 482- Structure physical condition deteriorated, building

interior/configuration.
529- Deficient design of fire deterrent systems, structure physical condition deteriorated, building interior/configuration.
585- Structure physical condition deteriorated, building interior/configuration.

c. Waterfront offices.
d. Not economically feasible to upgrade the facilities. Each building is an old wooden structure.
e. None.
f. None.
g. No.

a. **217-77**, Administrative & Storage, Building 78.
b. Physical condition of building, total obsolescence or deterioration of the walls, deficient seismic design.
c. Admin building and storage.
d. Current plan is to demolish the building. Investigating the possibility of upgrading building 78 at the cost of $4 million.
e. None.
f. None.
g. No.

a. **441-30**, Flammables Storage House, Building 426.
b. Nonexistent fire deterrent system, deficient seismic design and functional building.
c. Flammables storage house.
d. No detailed seismic studies have been done on the building to verify the degree of seismic deficiency. Unable to project a seismic upgrade cost without a detailed analysis.
e. Convert to general purpose warehouse. Minimal costs involved to convert the facility to a general purpose warehouse. However, the upgrades would still be required and are unable to project a seismic upgrade cost without a detailed analysis.
f. None.
g. Yes.

a. **610-10**, Administrative and Storage, Building 78.
b. Physical condition of building, total obsolescence or deterioration of the walls, deficient seismic design.
c. Admin building and storage.
d. Current plan is to demolish the building. Investigating the possibility of upgrading building 78 at the cost of $4 million.
e. None.
f. None.
g. No.

a. **610-77**, COM (open) & Officers' Club, Building 344.
b. Deficient building interior/configuration, roof and building.
c. Building destroyed by fire.
d. Not available.
e. None.
f. None.
g. No.

a. **721-11**, Admin, Barracks, & Child Care, Building 433.
b. Deficient ventilation, lighting/fixtures and seismic design.

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c. Admin and barracks.
d. No detailed seismic studies have been done on the building to verify the degree of seismic deficiency. Unable to project a seismic upgrade cost without a detailed analysis. Also, not economically feasible to convert from open bay berthing to individual rooms.
e. None.
f. None.
g. No.

a. **740-53**, Swimming Pool, Building 400.
b. Deficient physical conditions of the walls, deficient design of building interior/configuration and fire deterrent system.
c. Swimming pool building.
d. Currently plan to demolish the building and replace with a new pool, MILCON P-277.
e. None.
f. None.
g. No.

a. **740-60**, COM (open) & Officers' Club, Building 344.
b. Total obsolescence or deterioration of the building.
c. Building destroyed by fire.
d. Not available.
e. None.
f. None.
g. Yes.

a. **740-77**, COM (open) & Officers' Club, Building 344.
b. Deficient design of building interior/configuration, physical condition of the building and roof.
c. Building destroyed by fire.
d. Not available.
e. None.
f. None.
g. No.

a. **813-10**, Electric Substation No. 5, Building 407.
b. Total obsolescence or deterioration of power/capacity.
c. Electric substation #5. No longer in use.
d. Not economically feasible to upgrade the facilities. Functions are performed by other facilities within the Shipyard.
e. None.
f. None.
g. No.

a. **441-30**, Flammables Storagehouse, Building 426.
b. Nonexistent fire deterrent system, OSHA deficiency.
c. Flammables storage house.
d. No detailed seismic studies have been done on the building to verify the degree of seismic deficiency. Unable to project a seismic upgrade cost without a detailed analysis.
e. Convert to general purpose warehouse. Minimal costs involved to convert the facility to a general purpose warehouse. However, the upgrades would still be required and are unable to project a seismic upgrade cost without a detailed analysis.
f. None.
g. Yes.

Primary UIC: 00251

3.3 Identify any specialized major equipments or facilities (e.g. cranes, centrifuges, autoclaves, wind tunnels, interior and exterior aircraft storage areas) *not previously delineated*, which are unique or peculiar to your activity.

None

Primary UIC: 00251

3. Facility Measures, continued

3.4 IPE Age. Identify the average age of Industrial Plant Equipment (IPE) at the activity as of 30 September 1994.

IPE Average Age = 22 years

3.5 AIS Backlog. Identify the Annual Inspection Summary (AIS) backlog at the activity in thousands of dollars ($ K) and percent of total backlog, for the period requested.

Table 3.5: **AIS Backlog**

	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994	Average
Backlog * ($ K)	66,664	85,503	93,545	105,433	103,062	90,841
% Backlog Retired	17%	12.6%	18%	15%	9.8%	14%

Data Source: A.I.S. - Backlog
COSP % Retired (Budget)

* Total Critical and Deferable DBOF and O&MN Backlog.

Primary UIC: 00251

Features and Facilities

4. Support Services

4.1 Identify the support (police, fire protection, etc.) now provided by the host Naval or Marine Corps activity or other source. Add any additional applicable factors. Identify what factors would be needed by your activity if the host facility is closed.

N/A, Puget Sound Naval Shipyard is the host activity.

Table 4.1: **Support Facilities**

Support	Currently Obtained from:	Needed if Host Closes?
Police		
Security		
Fire		
Cafeteria		
Parking		
Utilities		
Child Care		
CCPO		

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

N/A, Host Command

4.3 Other Support. Identify any services or support your activity provides to the community or to other DON/DoD activities. (Include only services to activities which employ 300 or more personnel.)

Puget Sound Naval Shipyard provides the following significant community support:

- Serves as the Host for 37 Tenant commands and activities, providing such support services as: Mail Pick Up and Delivery, Fire Protection, Security Services, Housing and Lodging, Food Services, Janitorial Services, Transportation Services, Utilities, Tug and Pilot Services, Maintenance of Real Property, Refuse Collection and Disposal, Minor Construction Projects, Morale/Welfare/Recreation Services, Parking, Audio/Visual Services, Radiological Safety Services, Communication Services, Laboratory Services, Entomology Services, Environmental Quality Control, Hazardous Waste Disposal, Miscellaneous Industrial Services, Specialized Information/Services Acquisition, Occupational and Industrial Health Services, Vehicle Maintenance, Material Handling Equipment Maintenance, Dispensing of Fuels, Oils, Lubricants and Chemicals.

- Provides regional family housing (750 units at Jackson Park, 347 units at the Transient Family Accommodations, Eastpark, 12 units at Olalla, 43 units located at the Shipyard, and four units at the Manchester Fuel Depot).

Primary UIC: 00251

- Provides regional Bachelor Housing (75 rooms at the BOQ and 450 rooms at the BEQs).

- Provides classroom Apprentice training for Trident Refit Facility, Bangor and for the Naval Undersea Warfare Center Division, Keyport.

- Performs maintenance of aid to navigation structures for the 13th Coast Guard District, ADP equipment maintenance and repair for Headquarters, I Corps and Fort Lewis, repair of cryptographic equipment for the 17th Coast Guard District, and repair, periodic testing, and maintenance of electronic equipment and components for Strategic Weapons Facility Pacific.

- Provides Shift Test Engineer (STE) initial training for all nuclear public shipyards.

- Provides Crane Reliability Inspection and Safety Procedures (CRISP) instructor training for all public shipyards, regional Navy and Army activities and for private enterprise.

- Puget Sound Naval Shipyard is the only industrial facility in the United States capable of removing a nuclear reactor compartment from a deactivated vessel.

- Functions as U.S. Navy's West Coast Amalgamated Foundry.

- Navy Exchange and Commissary Store services provided to a very large military and civilian community base of retire and active duty personnel.

- Reciprocal Fire Protection agreements with six city and local fire departments/districts.

Primary UIC: 00251

5. Waterfront Support Services

5.1 Identify the source(s) of your activity's tugs and pilots, barges, and other harbor services.

The Shipyard currently has three YTB class tugs manned by military personnel, two shipyard pilots, and a large variety of barges, log broncs, small boats and other floating craft. At the end of FY 94, the military personnel on the tugs will be replaced with Shipyard civilians and one tug will be placed in layup. Tugs are rented from FOSS Maritime for handling aircraft carriers approximately 12 times per year and for transport of reactor compartment barges to Hanford Nuclear Reservation approximately 9 times per year. Rarely, (approximately once per year), a pilot from Bangor Submarine Base is used when both Shipyard pilots are occupied. Living barges re supplied by the type commanders.

5.2 Does your activity provide tugs and pilots, barges, and other harbor services to other (non-NSYD/SRF) activities?
Yes
If so, please specify what services and to what activities.

Tug and pilot service is provided to:

- Fleet and Industrial Supply Center Puget Sound, Manchester Fuel Depot
- Navy Inactive Ships Maintenance Facility, Puget Sound
- Naval Undersea Warfare Center Division Keyport
- Explosives Ordinance Disposal Group One Detachment Bangor
- Naval Station Everett
- Escort defueled submarines from Dungeness Spit
- Escort reactor packages up Columbia River

Barges are supplied for deballasting salt water compensated ballast ships in the COMNAVBASE AOR.

Barges are provided for defueling at Naval Submarine Base Bangor.

Floating crane service has been provided to EODGRUONE Det Bangor.

5.3 If the naval station, base, or other supporting activity in closest proximity is closed, identify all additional annual costs that would accrue to your activity for tugs and pilots, barges, or any other harbor services.

NONE

Primary UIC: 00251

Features and Facilities

6. Personnel Experience

6.1 What is the total number of apprentices trained at this activity over the period FY 1990 through FY 1994?
Total # of apprentices = 801

What percentage of those apprentices are still employed at your activity? % = 95.5

How many apprentices are currently being trained at this activity?
Current # apprentices = 218

6.2 Using the following table, identify the average experience of personnel in the functional areas and their total longevity at your activity.

Table 6.2: **Workforce Longevity and Experience**

Functional Area	Years	
	Experience in this Position	Total Longevity
Nuclear Engineers	11.35	11.35
Conventional Engineers	11.36	11.36
Journeyman/ Mechanics	8.23	12.34
RADCON Technicians	7.20	7.87
Quality Assurance Inspector	7.66	17.32
Total Shipyard	8.72	12.18

Primary UIC: 00251

Costs

7. Investments

7.1 List the project number, description, funding year, and value of the *capital improvements at your base completed (beneficial occupancy) during FY 1988 to FY 1994.* Indicate if the capital improvement is a result of BRAC realignments or closures.

Table 7.1: **Capital Improvement Expenditure:**

Project	Description	Fund Year	Value ($K)
C-01-88	Upgrade Electrical Power Dry Dock 3	89	195.0
C-02-88	Construct Refueling Equipment Storage	89	138.0
C-04-88	Construct Exterior to E. Side	89	127.0
C-08-89	Improve Lighting Cottman Lot	89	107.0
C-12-89	Install Sprinkler System Bldg. 431 Lean To	89	143.0
ECR-01-88	Construct PVT Facility - Dry Dock 2	89	184.0
C-81-90	Construct Pass/ID Office West Side	90	170.0
P-254	Dry Dock 2 Superflooding (MILCON)	90	990.0
P-281	Commissary (MILCON)	90	4,600.0
P-620	Industrial Support Complex (MILCON)	90	20,200.0
P-997	Child Care Center (MILCON)	90	1,000.0
C-5-90	Provide Lead Storage Facility	91	149.0
C-69-90	Construct Loading Dock Bldg 513	92	225.0
C-70-90	Construct 130T Gantry Crane Bldg	92	271.0
P-233	Haz/Flam Warehouse	92	13,600
P-270	Inactive Submarine Mooring	92	3,300
P-275	Upgrade Pier D	92	11,700
P-622	Industrial Support Complex	92	23,500
P-293	Mooring G Platform	92	1,200
C-04-93	Construct Haz Waste Accumul Bldg Dry Dock 3	93	252.0
N/A	Family Housing (Note 2)	93	16,600
P-283	Bachelor Enlisted Quarters	93	13,300
P-297	Bachelor Enlisted Quarters	93	13,500
P-314	Steam Plt. Upgrade to Nat. Gas	93	7,300

Primary UIC: 00251

Project	Description	Fund Year	Value ($K)
P-319	Bowling Center	94	2,500
P-320	Officer's Club Replacement	94	3,200
C-01-94	Install Material Control Storage Facility Pier 3	94	203
C-22-94	Install H&V Bldg 448 2nd Floor	94	290
C-23-94	Relocate C/130/1300 to Bldg 290	94	218
C-38-92	Construct Permanent Mixed Waste Storage Facility	94	290
C-39-92	Construct Pest Control Facility	94	276

Primary UIC: 00251

7. Investment, continued

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

No identified BRAC related capital improvements for the indicated fiscal years.

Table 7.3: **Planned BRAC Capital improvements**

Project	Description	Fund Year	Value
MILCON			
P-300T	Parking Garage	96	14,000
P-305T	Playing Fields	96	2,100

Primary UIC: 00251

7.2. List the project number, description, funding year, and value of the *non-BRAC related capital improvements planned* for years FY 1995 through FY 1997.

Table 7.2: **Planned Capital improvements**

Project	Description	Fund Year	Value ($K)
P-295	Utilities and Site Improvement	95	7,800
P-240	Oily Wastewater Collection Sys.	95	3,200
C-004-94	Install Material Control Storage Facility Dry Dock 5	95	200
C-005-94	Install Material Control Storage Facility Pier 6	95	200
P-279	Fleet Support Facility	96	7,060
P-262	Metal Preparation Facility	96	2,600
C-006-94	Strengthen Dry Dock 1 Discharge Culvert	96	200
C-007-94	Install Portable Subst Conn	96	300
C-008-94	Provide Added Fire Truck Space	96	250
C-009-94	Strengthen Dry Dock 5 Discharge Culvert	96	200
C-010-94	Upgrade Ventilation	96	205
C-011-94	Strengthen Stub Tunnel West	96	200
C-013-94	Relocate Crane Track Conn Dry Dock 1	96	220
C-015-94	Install Hazardous Waste Lines to Bldg. 871	97	275
C-093-91	Provide Vehicle Washdown Area	97	202
C-016-94	Add Training Facility W Bldg 466	97	200

Primary UIC: 00251

7. Investment, continued

7.4 Identify by Investment Category Code and Name (e.g. 05-Training Facilities; 14-Administration) the actual investment at your activity, to include all MCON, maintenance and repair, installed equipment, and minor construction, in thousands of dollars ($ K) over the period FY 1990 through FY 1994 for all your facilities. Report separately all other Class 2 equipment investments. The following table should include your responses to questions 7.1-7.3 above.

Table 7.4: **Historic Investment Summary**

Investment Category	$ K
01 - Aviation Operational Facilities	0
02 - Communication Operational Facilities	0
03 - Waterfront Operational Facilities	1,541
04 - Other Operational Facilities	0
05 - Training Facilities	0
06 - Aviation Maintenance Production	0
07 - Shipyard Maintenance Production	62,301
08 - Other Maintenance Production	2,579
09 - RDT&E	20
10 - Pol Supply/Storage	0
11 - Ammo Supply Storage	0
12 - Other Supply Storage	0
13 - Medical	531
14 - Administrative	4,583
15 - Troop Housing/Messing	1,044
16 - Other Personnel Support Services	6,889
17 - Utilities	36,086
18 - Real Estate & Ground Structures	31,376
Other - DEMO	0
TOTAL FACILITIES	147,247
Equipment (other than Class 2)	
Activity TOTAL	147,247

** NOTE: Utilities include special O&MN Funding for correcting sewer system deficiencies.

Primary UIC: 00251

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

TOTAL PLANNED INVESTMENTS: $ 512,898

Primary UIC: 00251

7. Investments, continued

7.6 Provide a list of all other documented major facility deficiencies not addressed in 7.1-7.3 (e.g. major repairs) and the estimated cost to rectify each at this activity. Identify the reduction in operating costs anticipated in relation to each deficiency correction.

Table 7.6: **Facility Deficiencies**

Deficiency	Cost to Correct ($ K)	Result of Corrections
INDIVIDUAL PROJECTS OVER LOCAL APPROVAL		
R-28-90, Rplc Roof Over Lightwells	1,250	12.5
R-002-93, Rpr Foundry Dust Collectn Sys	2,162	43.2
R-047-91, Replace Caisson DD1	7,000	140.0
R-040-92, Replace Caissson DD2	7,000	140.0
R-044-91, Repair Walls and Floor DD3	8,720	87.2
R-094-91, Replace Caisson DD3	7,000	140.0
R-19-87, Replace Elec Service To DD5	1,650	8.3
R-001-93, Concrete Rprs DD6 Phases 1,2,3	6,100	30.5
R-030-92, Rplc Xfmer Sub Fg	1,900	76.0
R-074-91, Rplc SW Main - Pier 5	1,000	10.0
R-041-92, Rpr Paving Around DD6	1,014	50.7
R-58-90, Rpr Shelton/ Bangor RR-Sec 3	3,668	36.7
R-044-91, Dry Dock 3 Wall & Floor Repairs	9,900	99.0
NOT ASSIGNED, Pier 8 Demolition	1,000	0.0
PROJECTS UNDER LOCAL APPROVAL COMBINED BY SYSTEM		
Pier Side Utilities	12,200	244.0
Pure Water System Repairs	2,100	21.0
Storm & Sanitary Sewer Sys Rprs	5,000	150.0
Compressed Air System Repairs	1,800	18.0
Fresh Water System Repairs	3,670	36.7
Electrical System Repairs	9,100	273.0
Salt Water System Repairs	3,400	68.0
Steam System Repairs	3,200	64.0
Fuel Oil System Repairs	3,300	16.5
Waste Transfer System Upgrade	1,100	11.0

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Deficiency	Cost to Correct ($ K)	Result of Corrections
Metal Prep Facility Repair	5,600	168.0
Rplc Bulk Fuel Oil Storage/Distr	1,000	10.0
Misc Electrical Upgrades Various Bldgs	1,800	9.0
Rehab Elevators Various Bldgs	1,600	32.0
Repair/Replace Roofs	5,700	57.0
Misc Exterior Repairs	12,500	62.5
Rplc/Upgrade Shipyard Fire Alarm Sys	2,000	20.0
Clean/Repair Prod Bldg Interiors	3,000	15.0
Paving Repairs	3,500	35.0

Reflects Major Repair Projects Over Local Approval
Reported On Last A.I.S.

Cost based on the following:

- "Cost to Correct" were based on AIS data plus escalation added for projected year of accomplishment.

- "Result of Corrections" were based on a percent estimate of service ticket and temporary repair work which should not be required after correction of the condition.

Primary UIC: 00251

Costs

8. Labor Rates

8.1 Provide the following actual rates per hour, less direct materials, for your activity for the period requested. Reproduce the table as necessary to report different rate structures for different functional areas, specifying the functional areas represented in each table.

Table 8.1: **Labor Rates**
Functional Area: Repair - Scheduled Fleet Repairs Funded by Fleet Components

	Rate ($/Hour)	
	FY 1993	FY 1994
Direct Labor Rate	26.96	27.06
Production Expense	16.04	16.07
Overhead (G&A)	10.94	10.83
Fully Burdened Rate	53.93	53.95

Table 8.1: **Labor Rates**
Functional Area: Alteration - Scheduled Fleet Alterations Funded by NAVSEA

	Rate ($/Hour)	
	FY 1993	FY 1994
Direct Labor Rate	26.64	26.74
Production Expense	15.89	15.91
Overhead (G&A)	10.83	10.73
Fully Burdened Rate	53.35	53.37

Primary UIC: 00251

Table 8.1: **Labor Rates**
Functional Area: RA/TA - NonScheduled Fleet Repairs or NAVSEA Alts

	Rate ($/Hour)	
	FY 1993	FY 1994
Direct Labor Rate	27.88	27.98
Production Expense	15.55	15.58
Overhead (G&A)	10.60	10.50
Fully Burdened Rate	54.03	54.05

Table 8.1: **Labor Rates**
Functional Area: Off-Site Work - Scheduled Fleet Repairs, Restricted Availabilities

	Rate ($/Hour)	
	FY 1993	FY 1994
Direct Labor Rate	25.58	25.94
Production Expense	13.76	12.69
Overhead (G&A)	9.38	8.89
Fully Burdened Rate	48.71	47.50

Table 8.1: **Labor Rates**
Functional Area: Inact./Recyc. - NAVSEA Funded

	Rate ($/Hour)	
	FY 1993	FY 1994
Direct Labor Rate	24.97	25.32
Production Expense	14.30	13.23
Overhead (G&A)	9.75	9.25
Fully Burdened Rate	49.00	47.80

Primary UIC: 00251

Table 8.1: **Labor Rates**
Functional Area: RCD/Recyc. - NAVSEA Funded

	Rate ($/Hour)	
	FY 1993	FY 1994
Direct Labor Rate	30.88	31.26
Production Expense	13.75	12.68
Overhead (G&A)	9.37	8.88
Fully Burdened Rate	53.99	52.81

Table 8.1: **Labor Rates**
Functional Area: Recyc. - NAVSEA Funded

	Rate ($/Hour)	
	FY 1993	FY 1994
Direct Labor Rate	24.39	24.74
Production Expense	12.58	11.51
Overhead (G&A)	8.58	8.09
Fully Burdened Rate	45.53	44.33

Table 8.1: **Labor Rates**
Functional Area: Other Shipwork - Planning Yard (PSNS & Boston), Research & Development, and Cannibalization

	Rate ($/Hour)	
	FY 1993	FY 1994
Direct Labor Rate	27.47	27.50
Production Expense	10.20	11.20
Overhead (G&A)	6.96	7.55
Fully Burdened Rate	44.62	46.25

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Table 8.1: **Labor Rates**
Functional Area: Refit - Refit & Restoration

	Rate ($/Hour)	
	FY 1993	FY 1994
Direct Labor Rate	26.64	26.74
Production Expense	16.71	16.74
Overhead (G&A)	11.39	11.28
Fully Burdened Rate	54.74	54.75

Table 8.1: **Labor Rates**
Functional Area: Other Productive Work - Private Parties, Manufacturing, SMARSE Supt., Engineering Sups, Manufacture (M.J. Doors), Loaned Personnel, BOS Supt, Supt of Tenant & Satellites, R&D not Ship Avail., Repair Material in Stores, Maintenance of Inactive Sup Ships, Addition/Improvements to Plant Property

	Rate ($/Hour)	
	FY 1993	FY 1994
Direct Labor Rate	22.99	23.08
Production Expense	4.49	4.50
Overhead (G&A)	6.41	6.35
Fully Burdened Rate	33.89	33.92

Revised pg

Primary UIC: 00251

DATA CALL for MILITARY VALUE
Naval Shipyards and Ship Repair Facility

Amendment One

Questions for the Activities

Costs

8. Labor Rates

8.2 Provide the following actual rates per hour, less direct materials, for your activity for FY 1997. Reproduce the table as necessary to report different rate structures for different functional areas, specifying the functional areas represented in each table.

Table 8.2: **Labor Rates**
Functional Area: Repair

	Rate ($/Hour)
	FY 1997
Direct Labor Rate	$ 28.62
Production Expense	16.73
Overhead (G&A)	7.87
Fully Burdened Rate	$ 53.22

Table 8.2: **Labor Rates**
Functional Area: Alteration

	Rate ($/Hour)
	FY 1997
Direct Labor Rate	$ 28.28
Production Expense	16.44
Overhead (G&A)	7.87
Fully Burdened Rate	$ 52.59

Revised pg

Primary UIC: 00251

Table 8.2: **Labor Rates**
Functional Area: RA/TA

	Rate ($/Hour)
	FY 1997
Direct Labor Rate	$ 29.60
Production Expense	15.83
Overhead (G&A)	7.87
Fully Burdened Rate	$ 53.30

Table 8.2: **Labor Rates**
Functional Area: Restrict. Avails

	Rate ($/Hour)
	FY 1997
Direct Labor Rate	$ 29.64
Production Expense	13.99
Overhead (G&A)	7.87
Fully Burdened Rate	$ 51.50

Table 8.2: **Labor Rates**
Functional Area: Inact/Recyc

	Rate ($/Hour)
	FY 1997
Direct Labor Rate	$ 29.11
Production Expense	14.97
Overhead (G&A)	7.87
Fully Burdened Rate	$ 51.95

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Primary UIC: 00251

Table 8.2: **Labor Rates**
Functional Area: RCD/Recycle

	Rate ($/Hour)
	FY 1997
Direct Labor Rate	$ 32.78
Production Expense	13.98
Overhead (G&A)	7.87
Fully Burdened Rate	$ 54.63

Table 8.2: **Labor Rates**
Functional Area: Recyc

	Rate ($/Hour)
	FY 1997
Direct Labor Rate	$ 28.49
Production Expense	11.84
Overhead (G&A)	7.87
Fully Burdened Rate	$ 48.20

Table 8.2: **Labor Rates**
Functional Area: Other Shipwork

	Rate ($/Hour)
	FY 1997
Direct Labor Rate	$ 29.16
Production Expense	10.60
Overhead (G&A)	7.87
Fully Burdened Rate	$ 47.63

Revised pg

Primary UIC: 00251

Table 8.2: **Labor Rates**
Functional Area: Refit

	Rate ($/Hour)
	FY 1997
Direct Labor Rate	$ 28.28
Production Expense	16.09
Overhead (G&A)	7.87
Fully Burdened Rate	$ 52.24

Table 8.2: **Labor Rates**
Functional Area: Other Productive Work

	Rate ($/Hour)
	FY 1997
Direct Labor Rate	$ 24.41
Production Expense	1.15
Overhead (G&A)	7.87
Fully Burdened Rate	$ 33.43

Table 8.2: **Labor Rates**
Functional Area: Shipyard

	Rate ($/Hour)
	FY 1997
Direct Labor Rate	$ 28.52
Production Expense	14.02
Overhead (G&A)	7.87
Fully Burdened Rate	$ 50.41

Primary UIC: 00251

Strategic Concerns

9. Location Factors

9.1 Strategic Location. Specify any special strategic importance or military value consideration of your activity accruing from its geographical location. Include the number of major customer activities located within a 100 mile radius.

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 vessels.

Located in close geographic proximity to the Columbia River and thus have access to the U.S. Department of Energy's (DoE) Hanford Burial ground in eastern Washington; vital to the U.S. Navy's Reactor Compartment Disposal and Ship Recycling programs. Hanford is the only DoE approved burial site for Navy reactor compartments.

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.

Location allows this Shipyard to coordinate and perform depot-level maintenance off-yard on SSBN 726 class submarines at Trident Repair Facility, Bangor, Washington.

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 their dependents and 525 rooms of regional Bachelor Housing. 165 new family units and new BEQ rooms under contract for construction.

In close proximity to Naval Base Seattle and are able to supply tug and pilot services as assigned during times of peak activity.

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

Primary UIC: 00251

Headquarters I Corps and Fort Lewis

Defense Distribution Depot Puget Sound

Naval Base Seattle

Major Customer Activities within 100 mile radius

1. Fleet and Industrial Supply Center, Puget Sound

2. Strategic Weapons Facility, Pacific, SUBASE Bangor

3. Naval Undersea Warfare Center. Keyport, WA

4. Naval Base Seattle

5/ Naval Station Everett

6. 13th Coast Guard District, Seattle WA

7. Submarine Squadron Seventeen, SUBASE Bangor

8. Trident Refit Facility, SUBASE Bangor

9. Headquarters I Corps and Fort Lewis

10. U. S. Army Corps of Engineers, Seattle, WA

11. David Taylor Research Center Detachment, Puget Sound

12. Supervisor of Shipbuilding, Conversion, and Repair, Seattle

13. Naval Sea Systems Command Detachment, PERA-CV, Bremerton

9.2 Transportation. List and indicate the distance in road-miles from your activity all Interstate Highways, airports of embarkation, seaports of embarkation, and cargo rail terminals serving your activity.

Interstate Highway 5, using route 16 to Interstate 5 Interchange - 34 miles.

Sea Ports of Embarkation
- Port of Tacoma. Via Route 16 to Interstate 5 using Exit 136 37 miles to Pierce County Terminal Port Dock.
- Port of Seattle. Via Route 16 to Interstate 5 using Exit 163 68 miles to Matson Lines Pier 18 Gate 4.

Air Ports of Embarkation
- SEATAC International Airport. Via Route 16 to Interstate 5 using Exit 152 60 miles.
- National Airport Bremerton. Via Route 16 to Route 3 13 miles.
- McChord Air Force Base. Via Route 16 to Interstate 5 using Exit 127 41 miles.

Cargo Rail Service 0 miles
Rail marshalling yard on the west side of the Shipyard with daily service by the Burlington Northern Railroad. (No service on weekend and holidays without prior request.)

9.3 Rail Network. Is your activity serviced by rail trackage providing direct access to commercial rail network? YES

If not, identify the road miles separating your facility from the nearest railhead access.
Distance = N/A Miles

Primary UIC: 00251

9.4 Regional Maintenance Concept. Has your activity been chosen to be a part of the Navy's Regional Maintenance Concept? If so, provide the details as currently known, and list other DON industrial activities (both intermediate and depot level) that are located within a 25 mile range of your activity.

Puget Sound Naval Shipyard is the Regional Repair Center for pumps (effective 9-1-94).

The Shipyard is a member of the Pacific Northwest Regional Maintenance Executive Steering Committee, and is under consideration to be the regional repair center for circuit breakers.

Other DoN industrial activities that are located within a 25 mile range:
Ship Intermediate Maintenance Activity Everett, Bremerton Detachment
Navy Regional Maintenance Training Facility, Bremerton
Trident Refit Facility, Bangor
Naval Undersea Warfare Center, Keyport

Primary UIC: 00251

9.4 Regional Maintenance Concept. Has your activity been chosen to be a part of the Navy's Regional Maintenance Concept? If so, provide the details as currently known, and list other DON industrial activities (both intermediate and depot level) that are located within a 25 mile range of your activity.

Shipyards are not in a position to respond to this item because a definitive shipyard role has not yet been identified. Naval Shipyards are a center point of the Regional Maintenance concept. However, no change in naval shipyard workload has been identified based on the Regional Maintenance concept. The concept has been approved in phases; phase 1 is primarily Intermediate level consolidations.

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Strategic Concerns

10. Natural Inhibitors to Operations

10.1 Identify the percent of the planned work schedule at this facility (averaged by month) that was interrupted by local weather or climatic conditions for the period FY 1990-1993 (i.e. what percent of man-days were lost annually, by month, because of hurricanes, tornado, earthquake, blizzard, below freezing temperatures, or other performance-impinging natural conditions?).

Table 10.1.a: **Impact on Operations** (%)

	January	February	March	April	May	June
Average % Schedule Interrupted	0	0	0	0	0	0

Table 10.1.b: **Impact on Operations** (%)

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

10.2 Identify the total number of Direct Labor Man Years (DLMYs) of planned work lost at your facility due to hurricanes, tornadoes, earthquakes, blizzards, below freezing temperatures, or other performance-impinging natural conditions.

Table 10.2: **Impact on Operations** (DLMYs)

	FY 1991	FY 1992	FY 1993	FY 1994 (01 Oct-31 Mar)
DLMYs Lost	0	0	0	0

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Strategic Concerns

11. Contingency and Mobilization Features

11.1 Identify the covered and uncovered, storage and industrial space at your activity which is currently surplus to the planned need (your current requirement), expressed in thousands of square feet (K SF).

Table 11.1: **Surplus Storage**

K SF	Covered	Uncovered
Storage	NONE	NONE
Industrial	NONE	NONE

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

NONE

11.3 Identify the amount of the potentially available other DoD or commercial activity, industrial, space within a one-hour drive of your activity. Include any physical restrictions (e.g. road limitations) that might apply should those facilities be used for facility augmentation or in an emergency.

The greater Seattle area is in a period of growth. Though the Shipyard is currently leasing 62,500 SF of warehouse space to meet current needs, no significant large industrial or storage space is, or forseeably will, be available. Undeveloped land is available locally.

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Environment and Encroachment

12. Environmental Considerations

12.1 Identify all environmental restrictions to expansion at your activity.

No environmental restrictions exist.

12.2 Describe the undeveloped acreage or waterfront that are available to this activity, including its size, current state, and the amount of development required to make it usable to the industrial facility. Specify any undeveloped acreage that is unique to this activity.

The Shipyard is procuring 17 acres which will be developed to support AOE homeporting.

This acreage is currently occupied by substandard housing.

Preparation for development will involve demolition of existing housing.

The Shipyard owns an additional 72 acres of unimproved land (P-164) dispersed between several off- site housing and recreation properties.

Approximately 797 acres are considered restricted for development. A breakdown of these areas is as follows:

4 acres wetlands
13 acres I/R sites
355 acres submerged
425 acres adjacent to railroad trackage on the Shelton-Bangor rail spur

These were not provided in the response to paragraph 12.2 since they are not considered "available" for development.

12.3 Identify any specific facilities, programs, or capabilities in regard to the handling and disposal of hazardous materials / wastes at this activity.

Puget Sound Naval Shipyard controls the purchase and use of Hazardous Materials through the use of an Authorized List (AUL). All proposed purchases of HM are screened for Safety, Occupational Health and Environmental concerns. Final purchase and use of HM is not authorized until a Material Safety Data Sheet is obtained from the manufacturer and proper controls are in place in the workplace. All employees who handle or use hazardous materials receive training in the hazards and protective measures.

The following describes Puget Sound Naval Shipyards hazardous materials/waste facilities, programs and capabilities.

Industrial waste water treatment plant performs oxidation/reduction, metal precipitation and neutralization procedures. The IWTP has a maximum capacity of 80,000 gal/day and currently averages 3,000 gal/day.

Building 912 waste water treatment plant performs particulate removal and neutralization operations. Building 912 has a maximum capacity of 109,000 gal/day and currently averages approximately 50,000 gal/day.

Puget Sound Naval Shipyard has five oily water treatment units capable of removing oils and metals from waste water. These units have a capacity of 600,000 gal/day and currently average about 12,000 gal/day.

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Building 944 is a conforming hazardous waste storage and handling facility with a maximum capacity of 2,800 drums.

Puget Sound Naval Shipyard operates an environmental laboratory that holds accreditation from the state of Washington and the American Association of Laboratory Accreditation which qualifies as "State" accreditation in 34 other states.

Mixed waste storage facility will have 2,268 square feet of storage space. This facility is scheduled for completion in August of 1996.

The Hazardous Material/Flammable Material warehouse will have 69,376 square feet of storage space. This facility is scheduled for completion in June of 1995.

Puget Sound Naval Shipyard operates a naval vessel recycling program capable of: removal and disposal of reactor compartments, removal and disposal of all hazardous material on board, and recycle of all usable material and equipment. Puget is currently recycling approximately 12 vessels per year.

Puget Sound Naval Shipyard employees approximately 75 people involved in environmental engineering, management and minimization functions related to hazardous material/waste.

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13. Encroachment Considerations

13.1 Identify any ground, industrial noise, approach channel, waterway, harbor, bridge height, turning basin, ESQD, HERO, airspace or other encroachments of record at your activity.

Table 13.1: **Encroachments of Record**

Encroachments	Date Recorded	Current Status
Federal, State, & Local Regulatory Requirements and Oversight	6/92	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. A supplement EIS is being prepared per an agreement with the Tribe and State Ecology for Pier D dredging.

NOTE: No encroachments of record except minor encroachments onto the Shelton-Bangor railroad spur.

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Customer Support

14. Customer Support

14.1 Homeport Proximity. Identify the distance, by road-miles and by water, to the two closest fleet homeport concentrations.

Table 14.1: **Homeport Proximity**

Homeport	Distance	
	Road (Miles)	Water (NM)
Bremerton, WA	0	0
Bangor, WA	16	55

14.2 Billeting. Identify the billeting support provided to the crews of ships undergoing work at your activity. Provide the total number of individuals within each category for the period requested.

Table 14.2: **Billeting Support**

	FY 1991	FY 1992	FY 1993	FY 1994 (01 Oct-31 Mar)
Berthed on Barges	1,037	2,000	377	330
Retained onboard own vessel	0	0	0	0
Billeted ashore (Homeport/own quarters)	2,056	1,154	192	1,257
Billeted ashore (BQs maintained by your activity)	1,211	1,854	3,906	2,367
Total	4,304	5,008	4,475	3,954

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Quality of Life

15. Military Housing - Family Housing

15.1 Do you have mandatory assignment to on-base housing? **No**

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

Table 15.2: **Available Military Family Housing**

Type of Quarters	Number of Bedrooms	Total number of units	Number Adequate	Number Substandard	Number Inadequate
Officer	4+	31	31		
Officer	3	44	44		
Officer	1 or 2	1	1		
Enlisted	4+	160	160		
Enlisted	3	299	299		
Enlisted	1 or 2	224	224		
Mobile Homes		0	0		
Mobile Home Lots		0	0		

NOTE: Transient family accommodations are available at East Park Housing. This housing is available on a first come-first serve basis, regardless of rank.

Table 15.2a: Transient Family Accommodations

Number of Bedrooms	Number of Units
1 (Furnished)	8
2 (Furnished)	127
2 (Unfurnished)	36
3 (Furnished)	51
3 (Unfurnished)	125

NOTE: Transient family accommodations are not a part of the Navy family housing inventory.

15.3 None of the military family housing are classified as inadequate.

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Quality of Life

15. Military Housing - Family Housing, continued

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

Table 15.4: **Military Housing Waiting List**

Pay Grade	Number of Bedrooms	Number on List	Average Wait
O-6/7/8/9	1	0	
	2	0	
	3	0	
	4+	4	6 months
O-4/5	1	0	
	2	0	
	3	16	6-9 months
	4+	8	6-9 months
O-1/2/3/CWO	1	0	
	2	42	6-9 months
	3	8	6-9 months
	4+	1	6-9 months
E7-E9	1	0	
	2	0	
	3	26	3-6 months
	4+	5	1-4 months
E1-E6	1	0	
	2	632	12-14 months
	3	74	3-6 months
	4+	6	1-4 months

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Quality of Life

15. Military Housing - Family Housing, continued

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

Table 15.5: **Housing Demand Factors**

	Top Five Factors Driving the demand for Base Housing
1	Cost/Comparability to civilian community
2	Closeness to military support and work
3	Military community
4	Closeness to Naval Hospital
5	Security located in housing area

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

Every unit meets the requirements of the referenced guides.

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

Table 15.7: **Family Housing Utilization**

Type of Quarters	Utilization Rate (%)
Adequate	99.19
Substandard	N/A
Inadequate	N/A

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

There has been no change since 1993.

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Quality of Life

16. Military Housing - Bachelor Quarters

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

Table 16.1: **BEQ Utilization**

Type of Quarters	Utilization Rate
Adequate	99.5%
Substandard	--
Inadequate	--

16.2 As of 31 March 1994, have you experienced much of a change since FY 1993? If so, why? If occupancy is under 95% (or vacancy over 5%), is there a reason?

Utilization has remained steady.

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

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

AOB = 2

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

Table 16.4: **Reasons for Geographic Separation (BEQ)**

Reason for Separation from Family	Number of GB	Percent of GB	Comments
Family Commitments (children in school, financial, etc.)	1	50 %	
Spouse Employment (non-military)	1	50 %	
Other			
TOTAL	2	100 %	

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

GB Off-Base = 29

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16. Military Housing - Bachelor Quarters, continued

16.6 Provide the utilization rate for Bachelor Officers Quarters (BOQs) for FY 1993.

Table 16.6: **BOQ Utilization**

Type of Quarters	Utilization Rate
Adequate	91%
Substandard	--
Inadequate	--

16.7 As of 31 March 1994, have you experienced much of a change since FY 1993? If so, why? If occupancy is under 95% (or vacancy over 5%), is there a reason?

Occupancy is under 95% due to ship's deployment and decommissioning.

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

$$AOB = \frac{(\#\ GB \times average\ \#\ days\ in\ barracks)}{365} \qquad AOB = \underline{\quad 1 \quad}$$

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

Table 16.9: **Reasons for Geographic Separation (BOQ)**

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

16. How many officer Geographic Bachelors do not live on base?

GB Off-Base = 2

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Quality of Life

17. MWR Facilities

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

LOCATION NUWC, Keyport DISTANCE 10 road miles

LOCATION NAVSUBASE BANGOR DISTANCE 12 road miles

LOCATION MCCHORD AFB DISTANCE 35 road miles

LOCATION FORT LEWIS DISTANCE 38 road miles

Table 17.1.a: **MWR Facilities Summary**

Facility	Unit of Measure	Total	Profitable (Y/N/N/A)
Auto Hobby	Indoor Bays	14	Y
	Outdoor Bays	5 Fort Lewis	N/A
Arts / Crafts	SF	1,248	Y
Wood Hobby (McChord & Fort Lewis)	SF	9,000 21,984	N/A
Bowling	Lanes	18	Y
Enlisted Club	SF	3,350	Y
Officers Club *	SF	3,766	N
Fast Food Restaurant	EA	1	Y
Library	SF	5,000	N/A
Library	Books	35,000	N/A
Theater (Bangor)	Seats	496	Y
ITT	SF	315	N/A
Museum (Keyport)	SF	68,000	N/A
Outdoor Equipment Rental	SF	4,500	N/A
Pool (indoor)	Lanes	4	N/A
Pool (outdoor) (McChord)	Lanes	5	N/A
Beach	LF	150	N

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Facility	Unit of Measure	Total	Profitable (Y/N/N/A)
Swimming Ponds	Each	0	N/A
Tennis Court	Each	7	N/A

* On base mexican style restaurant acting as temporary Officers Club until facility, destroyed by fire, is replaced.

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17. MWR Facilities, continued

Table 17.1.b: **MWR Facilities Summary**

Facility	Unit of Measure	Total	Profitable (Y / N / N/A)
Volleyball court (outdoor)	Each	1	N/A
Basketball court (outdoor)	Each	3	N/A
Racquetball court	Each	2	N/A
Golf Course (McChord and Fort Lewis)	Holes	McChord 18 Ft Lewis 27	N/A
Driving Range (Ft Lewis)	Tee Boxes	38	N/A
Gymnasium	SF	6,000	N/A
Fitness Center	SF	3,500	N/A
Marina (Ft Lewis)	Berths	80	N/A
Stables	Stalls	0	N/A
Softball Field	Each	3	N/A
Football Field	Each	2	N/A
Soccer Field	Each	1	N/A
Youth Center	SF	4,508	N/A

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

NO

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Quality of Life

18. Base Family Support Facilities and Programs

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

Table 18.1: **Child Care Availability**

Age Category	Capacity (# of Children)	SF 8008			Number on Wait List	Average Wait (Days)
		Adequate	Substandard	Inadequate		
0-6 Months	4	270 X				
6-12 Months	4	270 X			77	365
12-24 Months	10	725 X			73	365
24-36 Months	28	1,154 X			42	365
3-5 Years	88	2,848 X			97	365

* Number on waiting list for 0-6 months and 6-12 months is combined (i.e., 77 children 0-12 months)

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

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

NOTE: Total SF 8,008 for two buildings.

18. Base Family Support Facilities and Programs, continued

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

Family Home Care.
Civilian Child Care Centers.
State Certified Home Care.

18.4 How many "certified home care providers" are registered at your base? # = 28

19 Providers in process.

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

Bangor Submarine Base, Child Development Center.
Capacity: 104, 0-5 Years.
Waiting list 140 children between 0-5 years.
Submarine Base Bangor accepts only military that are active duty and stationed at Bangor.

18. Base Family Support Facilities and Programs, continued

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

Table 18.6: **Available Services**

Service	Unit of Measure	Quantity
Exchange	SF	50,000
Gas Station Pumps	SF	1,000
Auto Repair	SF	N/A
Auto Parts Store	SF	100
Commissary	SF	24,000
Mini-Mart	SF	3,600
Package Store	SF	2,400
Fast Food Restaurants	Each	1
Bank/Credit Union	Each	1
Family Service Center	SF	9,250
Laundromat	SF	2,500
Dry Cleaners	Each	1
ARC	PN	15,000 to 20,000
Chapel	PN	17,255
FSC Classroom/Auditorium	PN	140

19. Metropolitan Areas

19.1 Identify proximate major metropolitan areas closest to your base (provide at least three):

Table 19.1: **Proximate Metropolitan Areas**

City	Distance (Miles)
Seattle	15 nautical miles - direct state ferry service (one hour crossing time) or 60 road miles
Tacoma	28 road miles
Everett	88 road miles or combination of 52 road miles and 7 nautical miles by using Kingston-Edmonds state ferry service (30-minute crossing time)

Quality of Life

20. VHA Rates

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

Table 20.1: **VHA Rates**

Paygrade	With Dependents	Without Dependents
E1	130.59	73.07
E2	130.59	82.12
E3	127.83	94.19
E4	149.24	104.16
E5	174.96	122.16
E6	211.71	144.11
E7	244.20	169.64
E8	235.65	178.15
E9	231.91	176.04
W1	228.91	173.85
W2	260.84	204.59
W3	234.91	190.96
W4	233.17	206.74
O1E	234.07	173.62
O2E	192.84	153.75
O3E	216.81	183.42
O1	194.76	143.52
O2	190.49	148.89
O3	211.61	178.16
O4	206.88	179.90
O5	183.46	151.72
O6	246.08	203.69
O7	176.48	143.39

21. Off-base Housing Rental and Purchase

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

Table 21.1: **Recent Rental Rates**

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

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

Table 21.2: **Recent Occupancy Rate**

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

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Type Rental	Occupancy Rate (%)
Town House (3+ Bedroom)	92
Condominium (2 Bedroom)	94
Condominium (3+ Bedroom)	95

21. Off-base Housing Rental and Purchase, continued

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

Table 21.3: **Regional Home Costs**

Type Rental	Median Cost ($ K)
Single Family Home (3 Bedroom)	96
Single Family Home (4+ Bedroom)	98
Town House (2 Bedroom)	78
Town House (3+ Bedroom)	85
Condominium (2 Bedroom)	82
Condominium (3+ Bedroom)	85

21.4 For calendar year 1993, from the local MLS listings, Provide the number of 2, 3 and 4 bedroom homes available for purchase. Use only homes for which monthly payments would be within 90 to 110 percent of the E5 BOQ and VHA for your area.

Table 21.4: **Housing Availability**

Month	Number of Bedrooms		
	2	3	4+
January	136	108	27
February	113	90	22
March	153	122	31
April	96	77	19
May	99	79	19
June	113	90	22
July	100	80	19
August	120	96	24

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Month	Number of Bedrooms		
	2	3	4+
September	92	74	18
October	111	89	22
November	99	79	19
December	73	58	14

21. Off-base Housing Rental and Purchase, continued

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

1. Waterfront/View
2. Condition
3. Size
4. Neighborhood
5. Nearness to Population Centers/Schools
6. Median Income of the Community

22. Sea-Shore Opportunities

22.1 For the top five sea intensive ratings in the principle warfare community your base supports, provide the following:

Table 22.1: **Sea Shore Opportunities**

Rating	# Sea Billets in Local Area	# Shore Billets in Local Area
BM	366	21
EM	148	16
EN	30	18
MM	336	14
BT	121	6

23. Commuting Distances

23.1 Complete the following table for the average one-way commute for the five largest concentrations of military and civilian personnel living off-base.

Table 23.1: **Commuting Distances**

Location	% Employees	Distance (Miles)	Time (Minutes)
BREMERTON	45	4	12
PORT ORCHARD/ SOUTH KITSAP	11	14	22
SILVERDALE/ CENTRAL KITSAP	9	12	20
BELFAIR/NORTH MASON COUNTY	3	17	25
TACOMA	2	32	45

Quality of Life

24. Regional Educational Opportunities

Complete the tables below to indicate the civilian educational opportunities available to service members stationed at your activity (to include any outlying sites) and their dependents.

24.1 List the local educational institutions which offer programs available to dependent children. Indicate the school type (e.g. DoDS, private, public, parochial, etc.), grade level (e.g. pre-school, primary, secondary, etc.), what students with special needs the institution is equipped to handle, cost of enrollment, and for high schools only, the average SAT/ACT score of the class that graduated in 1993 and the number of students in that class who enrolled in college in the fall of 1994.

Table 24.1: **Educational Opportunities**

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

24. Regional Educational Opportunities, continued

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

Table 24.2: **Off-Base Educational Programs**

Institution	Type Classes	Program Type				
		Adult High School	Vocational/ Technical	Undergraduate		Graduate
				Courses only	Degree Program	
Tacoma Community College	Day	YES	YES	NO	YES	NO
	Night	YES	YES	NO	YES	NO
University of Washington, Tacoma	Day	NO	NO	NO	YES	YES
	Night	NO	NO	NO	YES	NO
Bates Technical Institute, Tacoma	Day	NO	YES	YES	YES	NO
	Night	NO	YES	NO	NO	NO
Northwest College of Art, Poulsbo	Day	NO	NO	NO	YES	NO
	Night	NO	NO	NO	YES	NO
City University, Silverdale	Day	NO	NO	NO	NO	NO
	Night	NO	NO	NO	YES	YES
Eton Technical Institute, Port Orchard	Day	NO	YES	NO	YES	NO
	Night	NO	YES	NO	YES	NO
Pacific Lutheran University, Tacoma	Day	NO	NO	YES	YES	YES
	Night	NO	NO	YES	YES	YES
University of Puget Sound, Tacoma	Day	NO	NO	YES	YES	YES
	Night	NO	NO	YES	YES	YES
South Seattle Community College	Day	YES	YES	YES	YES	NO
	Night	YES	YES	YES	YES	NO

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Institution	Type Classes	Program Type				
		Adult High School	Vocational/ Technical	Undergraduate		Graduate
				Courses only	Degree Program	
Seattle Central Community College	Day	YES	YES	YES	YES	NO
	Night	YES	YES	YES	YES	NO
University Of Washington	Day	NO	NO	NO	YES	YES
	Night	NO	NO	NO	YES	YES
Seattle University	Day	NO	NO	NO	YES	YES
	Night	NO	NO	NO	YES	NO
Seattle Pacific University	Day	NO	NO	NO	YES	YES
	Night	NO	NO	NO	YES	NO
Olympic College	Day	YES	YES	YES	YES	NO
	Night	YES	YES	YES	YES	NO
Antioch University	Day	NO	NO	NO	YES	YES
	Night	NO	NO	YES	YES	YES

24. Regional Educational Opportunities, continued

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

Table 24.3: **On-Base Educational Programs**

Institution	Type Classes	Program Type				
		Adult High School	Vocational/ Technical	Undergraduate		Graduate
				Courses only	Degree Program	
Olympic College	Day	NO	NO	YES	NO	NO
	Night	NO	YES	YES (Individual Study)	YES	NO
	Corres-pondence	NO	NO	NO	NO	NO
Southern Illinois University *	Day	NO	NO	NO	YES	NO
	Night	NO	NO	NO	NO	NO
	Corres-pondence	NO	NO	NO	NO	NO
Chapman University *	Day	NO	NO	NO	NO	NO
	Night	NO	NO	YES	YES	YES
	Corres-pondence	NO	NO	NO	NO	NO
Pennsylvania State University *	Day	YES	YES	NO	YES	YES
	Night	NO	NO	NO	NO	NO
	Corres-pondence	NO	NO	NO	NO	NO
City University of Bellevue *	Day	NO	NO	YES	YES	YES
	Night	NO	NO	YES	YES	YES
	Corres-pondence	NO	NO	NO	NO	NO

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Institution	Type Classes	Program Type				
		Adult High School	Vocational/ Technical	Undergraduate		Graduate
				Courses only	Degree Program	
University of Massachusetts *	Video Based	NO	NO	NO	NO	YES
University of Idaho *	Video Based	NO	NO	NO	NO	YES
University of Washington *	Video Based	NO	NO	NO	NO	YES

* Located within the commuting area (at Bangor).

Quality of Life

25. Spousal Employment Opportunities

25.1 Provide the following data on spousal employment opportunities.

Table 25.1: **Spouse Employment**

Skill Level	# Military Spouses Serviced by FSC Spouse Employment Assistance			Local Community Unemployment Rate (%)
	FY 1991	FY 1992	FY 1993	
Professional	146	132	221	7 %
Manufacturing	1	1	2	27 %
Clerical	313	281	472	3 %
Service	173	155	261	58 %
Other	33	30	50	5 %

26. Medical / Dental Care

26.1 Do your active duty personnel have any difficulty with access to medical or dental care, in either the military or civilian health care system? Develop the why of your response.

NO

26.2 Do your military dependents have any difficulty with access to medical or dental care, in either the military or civilian health care system? Develop the why of your response.

Care is adequate - some difficulty in scheduling appointments either by phone or as a "walk-in."

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Quality of Life

27. Crime Rate

27.1 Complete the table below to indicate the crime rate for your activity for the last three fiscal years. The source for case category definitions to be used in responding to this question are found in the NCIS Manual, dated 23 February 1989, at Appendix A, entitled "Case Category Definitions." Note: the crimes reported in this table should *include* (a) all reported criminal activity which occurred on base regardless of whether the subject or the victim of that activity was assigned to or worked at the base; *and* (b) all reported criminal activity off base.

Table 27.1.a: **Local Crime Rate**

Crime Definitions	FY 1991	FY 1992	FY 1993
1. Arson (6A)	Total 02	Total 0	Total 01
Base Personnel - Military	02	0	0
Base Personnel - Civilian	0	0	01
Off Base Persn - Military	0	0	0
Off Base Persn - Civilian	0	0	0
2. Blackmarket (6C)	Total 0	Total 0	0
Base Personnel - Military	0	0	0
Base Personnel - Civilian	0	0	0
Off Base Persn - Military	0	0	0
Off Base Persn - Civilian	0	0	0
3. Counterfeiting (6G)	Total 0	Total 0	Total 01
Base Personnel - Military	0	0	01
Base Personnel - Civilian	0	0	0
Off Base Persn - Military	0	0	0
Off Base Persn - Civilian	0	0	0
4. Postal (6L)	Total 08	Total 0	Total 0
Base Personnel - Military	05	0	0
Base Personnel - Civilian	03	0	0
Off Base Persn - Military	0	0	0
Off Base Persn - Civilian	0	0	0

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27. Crime Rate, continued

Table 27.1.b: **Local Crime Rate**

Crime Definitions	FY 1991	FY 1992	FY 1993
5. Customs (6M)	Total 0	Total 0	Total 0
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
6. Burglary (6N)	Total 96	Total 85	Total 07
Base Personnel - military	62	75	06
Base Personnel - civilian	24	10	01
Off Base Personnel - military	01	0	0
Off Base Personnel - civilian	09	0	0
7. Larceny - Ordnance (6R)	Total 0	Total 0	Total 0
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
8. Larceny - Government (6S)	Total 113	Total 135	Total 121
Base Personnel - military	09	34	08
Base Personnel - civilian	104	96	113
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0

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27. Crime Rate, continued

Table 27.1.c: **Local Crime Rate**

Crime Definitions	FY 1991	FY 1992	FY 1993
9. Larceny - Personal (6T)	Total 255	Total 267	Total 155
Base Personnel - military	194	190	89
Base Personnel - civilian	57	69	61
Off Base Personnel - military	0	0	04
Off Base Personnel - civilian	04	08	01
10. Wrongful Destruction (6U)	Total 176	Total 485	Total 285
Base Personnel - military	149	216	114
Base Personnel - civilian	27	253	53
Off Base Personnel - military	0	05	02
Off Base Personnel - civilian	0	12	16
11. Larceny - Vehicle (6V)	Total 05	Total 09	Total 05
Base Personnel - military	05	07	03
Base Personnel - civilian	0	02	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	01	0	02
12. Bomb Threat (7B)	Total 03	Total 04	Total 01
Base Personnel - military	01	03	01
Base Personnel - civilian	02	01	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0

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27. Crime Rate, continued

Table 27.1.d: **Local Crime Rate**

Crime Definitions	FY 1991	FY 1992	FY 1993
13. Extortion (7E)	Total 01	Total 0	Total 0
Base Personnel - military	01	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
14. Assault (7G)	Total 159	Total 175	Total 110
Base Personnel - military	138	149	93
Base Personnel - civilian	13	16	15
Off Base Personnel - military	01	02	0
Off Base Personnel - civilian	07	08	02
15. Death (7H)	Total 02	Total 01	Total 0
Base Personnel - military	0	01	0
Base Personnel - civilian	01	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	01	0	0
16. Kidnapping (7K)	Total 0	Total 0	Total 0
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0

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27. Crime Rate, continued

Table 27.1.e: **Local Crime Rate**

Crime Definitions	FY 1991	FY 1992	FY 1993
18. Narcotics (7N)	Total 12	Total 11	Total 13
Base Personnel - military	02	02	04
Base Personnel - civilian	03	03	02
Off Base Personnel - military	04	03	03
Off Base Personnel - civilian	03	03	04
19. Perjury (7P)	Total 01	Total 02	Total 02
Base Personnel - military	0	01	01
Base Personnel - civilian	01	01	01
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
20. Robbery (7R)	Total 01	Total 03	Total 01
Base Personnel - military	01	03	01
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
21. Traffic Accident (7T)	Total 301	Total 438	Total 256
Base Personnel - military	158	190	98
Base Personnel - civilian	103	170	105
Off Base Personnel - military	05	02	05
Off Base Personnel - civilian	35	76	48

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27. Crime Rate, continued

Table 27.1.f: **Local Crime Rate**

Crime Definitions	FY 1991	FY 1992	FY 1993
22. Sex Abuse - Child (8B)	Total 19	Total 06	Total 0
Base Personnel - military	19	05	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	01	0
23. Indecent Assault (8D)	Total 01	Total 01	Total 0
Base Personnel - military	01	01	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
24. Rape (8F)	Total 04	Total 04	Total 05
Base Personnel - military	02	03	03
Base Personnel - civilian	0	0	0
Off Base Personnel - military	02	01	02
Off Base Personnel - civilian	0	0	0
25. Sodomy (8G)	Total 0	Total 0	Total 01
Base Personnel - military	0	0	01
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0

23 June 1994

DATA CALL FOR MILITARY VALUE ANALYSES
for
NAVAL SHIPYARDS and NAVAL SHIP REPAIR FACILITY

Supplement

TAB A: TECHNICAL OPERATIONS

FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

TAB B: SPECIAL FACILITIES AND EQUIPMENT

FACILITIES/EQUIPMENT CAPABILITY FORM

APPENDIX A:

I. FUNCTIONAL SUPPORT AREAS (PRODUCTS)
II. LIFE-CYCLE WORK AREAS

APPENDIX B:

I. FUNCTIONAL SUPPORT AREA DEFINITIONS
II. LIFE-CYCLE WORK AREA DEFINITIONS

TAB A: TECHNICAL OPERATIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

INSTRUCTIONS FOR TAB A

1. Use Tables 1.a-1.h to identify the Functional Areas in which your facility performs work for the listed functional support areas (products). Appendices A and B define/describe the products and functional areas used in these Tables.

2. Complete the Tables for all categories and all products provided in this Tab.

3. In completing Tab A, provide Direct Labor Man Years of "work years" for DBOF activities.

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DATA CALL FOR MILITARY VALUE ANALYSES
for
NAVAL SHIPYARDS and NAVAL SHIP REPAIR FACILITY

Supplement

TAB A:

Table 1.a: **TECHNICAL WORKLOAD MATRIX / FUNCTIONAL AREAS**

PRODUCTS	Basic Research	Explor. Devel.	Adv. Devel.	Engr & Mnfg. Devel	RDT&E Mngt Support	Op Sys Support	Production	Acceptance Testing	Modernization
1. Platforms									
1.1 UnderSea			35.8		94.1		0.4		20.5
1.2 Aircraft					-				
1.3 Surface Ship				0.2	24.0		1.0		520.5
1.4 Space Satellites									
1.5 Ground Vehicles									
2. Weapons Systems									
2.1 Gun Systems									3.7
2.2 Guided Missiles									67.3
2.3 Freefall Weapons & Rockets									
2.4 Torpedoes									0.1
2.5 Mines									
2.6 Directed Energy Systems					2.4				
2.7 Explosives									
2.8 Launchers									6.1
2.9 Fire Control									0.3
2.10 Wpns Data Links									
2.11 Weapons Fuzing									
2.12 Wpns Propulsion									
2.13 Other Ordnance									
3. Combat Systems Integration									
3.1 Subsurface					9.0				
3.2 Air									
3.3 Surface									
3.4 Multiplatform									0.1

NOTE: "- signifies workyears less than 0.05".

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TAB A:

Table 1.b: **TECHNICAL WORKLOAD MATRIX / FUNCTIONAL AREAS**

PRODUCTS	Program Support	Sched. Maint.	Repair	Testing	In Serv. Engr.	Program Support	Retire-ment	Trng/ Ops Spt	Sim. Model/ Anlys
1. Platforms									
1.1 UnderSea		20.2	77.0	10.2		6.1	148.3	3.1	
1.2 Aircraft			0.1						
1.3 Surface Ship			3,294.8		1.4	25.7	182.6	1.6	
1.4 Space Satellites									
1.5 Ground Vehicles									
2. Weapons Systems									
2.1 Gun Systems			7.5				0.3		
2.2 Guided Missiles									
2.3 Freefall Weapons & Rockets									
2.4 Torpedoes			4.7						
2.5 Mines									
2.6 Directed Energy Systems									
2.7 Explosives									
2.8 Launchers			23.2				0.4		
2.9 Fire Control			12.5				0.8		
2.10 Wpns Data Links									
2.11 Weapons Fuzing									
2.12 Wpns Propulsion									
2.13 Other Ordnance									
3. Combat Systems Integration									
3.1 Subsurface				3.2	-				
3.2 Air									
3.3 Surface			0.2		1.0				
3.4 Multiplatform									

NOTE: "- signifies workyears less than 0.05".

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TAB A:

Table 1.c: **TECHNICAL WORKLOAD MATRIX / FUNCTIONAL AREAS**

PRODUCTS	Basic Research	Explor. Devel.	Adv. Devel.	Engr & Mnfg. Devel	RDT&E Mngt Support	Op Sys Support	Produc-tion	Accep-tance Testing	Moder-nization
4. Special Ops Spt									
4.1 Landing Force Eqmt & Systems									17.4
4.2 Coastal/Special Warfare Support									
5. Sensors & Surveillance Sys									
5.1 Sonars Systems									4.6
5.2 Radar Systems							-		66.7
5.3 Special Sensors									
5.4 Space Sensor / Surveillance Sys									
5.5 Ocean Surv.							0.3		
6. Navigation									
6.1 Sub. Nav. Sys							-		20.9
6.2 Aircraft Nav. Sys									
6.3 Surf. Ship Nav.					1.3				7.7
6.4 Wpns Nav. Sys									
6.5 Satellite Nav. Sys									
7. C^3I									
7.1 Submarine									-
7.2 Airborne									
7.3 Shipboard							-		188.2
7.4 Land-Based									3.4
7.5 Space Comm Sys									
7.6 Non-Tact Data									
7.7 Air Traffic Cntrl									0.4
7.8 Intel Info Sys					7.0				8.2

NOTE: "- signifies workyears less than 0.05".

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TAB A:

Table 1.d: **TECHNICAL WORKLOAD MATRIX / FUNCTIONAL AREAS**

PRODUCTS	Program Support	Sched. Maint.	Repair	Testing	In Serv. Engr.	Program Support	Retire-ment	Trng/ Ops Spt	Sim. Model/ Anlys
4. Special Ops Spt									
4.1 Landing Force Eqmt & Systems									
4.2 Coastal/Special Warfare Support									
5. Sensors & Surveillance Sys									
5.1 Sonars Systems		0.3	7.2			0.2	1.1		
5.2 Radar Systems			6.1				0.3		
5.3 Special Sensors									
5.4 Space Sensor / Surveillance Sys									
5.5 Ocean Surv.			1.2				0.4		
6. Navigation									
6.1 Sub. Nav. Sys		0.2	0.2						
6.2 Aircraft Nav. Sys									
6.3 Surf. Ship Nav.			7.0				0.1		
6.4 Wpns Nav. Sys									
6.5 Satellite Nav. Sys									
7. C^3I									
7.1 Submarine		-	8.3	3.1	-				
7.2 Airborne									
7.3 Shipboard			28.1	-			1.6		
7.4 Land-Based	0.6		1.4						
7.5 Space Comm Sys									
7.6 Non-Tact Data									
7.7 Air Traffic Cntrl			8.0						
7.8 Intel Info Sys			2.3						

NOTE: "- signifies workyears less than 0.05".

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TAB A:

Table 1.e: **TECHNICAL WORKLOAD MATRIX / FUNCTIONAL AREAS**

PRODUCTS	Basic Research	Explor. Devel.	Adv. Devel.	Engr & Mnfg. Devel	RDT&E Mngt Support	Op Sys Support	Produc-tion	Accep-tance Testing	Moder-nization
8. Defense Systems									
8.1 Ballistic Msl Def									
8.2 Countermeasures									
8.3 Electronic Warfare									15.8
9. Strategic Programs									
9.1 Navy Strategic Sys									
9.2 Nuc Wpns/Effects									
10. Gen Mission Spt									
10.1 Personnel/Training					-				
Sub related Trng Sys									
Air related Trng Sys									
Surf related Trng Sys									
Wpn related Trng Sys									
Human Resrc R&D									
10.2 Log Plng/Implem.									
10.3 Fac Engineering							95.9		2.7
10.4 Diving, Salv, O.E.									
10.5 Env Dscrp/Pred									
10.6 Crew Eqmt/ Life Spt									
Submarine									12.1
Aircraft									
Surface Ship									15.8
Med Resr/Cmb Cslty									
Clothing and Textiles									
10.7 Range Dev & Ops									
10.8 Other Subsid Sys									0.9
10.9 Miss/Func Spt	0.2						-		2.7

NOTE: "- signifies workyears less than 0.05".

Primary UIC: 00251

TAB A:

Table 1.f: **TECHNICAL WORKLOAD MATRIX / FUNCTIONAL AREAS**

PRODUCTS	Program Support	Sched. Maint.	Repair	Testing	In Serv. Engr.	Program Support	Retire-ment	Trng/ Ops Spt	Sim. Model/ Anlys
8. Defense Systems									
8.1 Ballistic Msl Def									
8.2 Countermeasures			4.0				-		
8.3 Electronic Warfare			3.1				2.6		
9. Strategic Programs									
9.1 Navy Strategic Sys			1.1	7.1					
9.2 Nuc Wpns/Effects									
10. Gen Mission Spt									
10.1 Personnel/Training									
Sub related Trng Sys						-		-	
Air related Trng Sys									
Surf related Trng Sys									
Wpn related Trng Sys									
Human Resrc R&D									
10.2 Log Plng/Implem.									
10.3 Fac Engineering			15.0						
10.4 Diving, Salv, O.E.				-					
10.5 Env Dscrp/Pred							2.1		
10.6 Crew Eqmt/ Life Spt									
Submarine									
Aircraft									
Surface Ship			0.1						
Med Resr/Cmb Cslty									
Clothing and Textiles									
10.7 Range Dev & Ops									
10.8 Other Subsid Sys			7.6						
10.9 Miss/Func Spt		-	2.5	14.9	7.6	53.1			

NOTE: "- signifies workyears less than 0.05".

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TAB A:

Table 1.g: **TECHNICAL WORKLOAD MATRIX / FUNCTIONAL AREAS**

PRODUCTS	Basic Research	Explor. Devel.	Adv. Devel.	Engr & Mnfg. Devel	RDT&E Mngt Support	Op Sys Support	Produc-tion	Accep-tance Testing	Moder-nization
11. Generic Tech Base									
11.1 Computers									0.4
11.2 Software									
11.3 Comm Network									
11.4 Electronic Device									
11.5 Matl & Processes				0.7	-	0.2			17.9
11.6 Energy Storage									
11.7 Propulsion and Energy Conservation									
11.8 Design Automation									
11.9 Human-System Interfaces									
11.10 Other Tech Base Programs									

NOTE: "- signifies workyears less than 0.05".

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TAB A:

Table 1.h: **TECHNICAL WORKLOAD MATRIX / FUNCTIONAL AREAS**

PRODUCTS	Program Support	Sched. Maint.	Repair	Testing	In Serv. Engr.	Program Support	Retire-ment	Trng/ Ops Spt	Sim. Model/ Anlys
11. Generic Tech Base									
11.1 Computers		0.2	1.0						
11.2 Software									
11.3 Comm Network		0.1	0.1	-				13.5	
11.4 Electronic Device									
11.5 Matl & Processes					1.0				
11.6 Energy Storage									
11.7 Propulsion and Energy Conservation.									
11.8 Design Automation									
11.9 Human-System Interfaces									
11.10 Other Tech Base Programs									

NOTE: "- signifies workyears less than 0.05".

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K

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	1.1 PLATFORM - UNDERSEA
Life Cycle Work Area	ADV DEVELOPMENT

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
35.8 WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 4,183.5 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding. R
$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expended on contract during FY 1993 for this functional support area - life cycle work area. R
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	1.1 PLATFORM - UNDERSEA
Life Cycle Work Area	ADV DEVELOPMENT

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
35.8 WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 4,183.5 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expended on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

R

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	1.1 PLATFORM - UNDERSEA
Life Cycle Work Area	RDT&E MANAGEMENT SUPPORT

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
94.1 WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 9,089.0 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding. R
$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expended on contract during FY 1993 for this functional support area - life cycle work area. R
$ 0 K

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TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	1.1 PLATFORM - UNDERSEA
Life Cycle Work Area	RDT&E MANAGEMENT SUPPORT

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
94.1 WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 9,089.0 K

b. **Out-of-House Expenditures**. Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expended on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

R

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	1.1 PLATFORM - UNDERSEA
Life Cycle Work Area	PRODUCTION

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1.**In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
0.4 WYs

2.**Expenditures.**

a.**In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 114.7 K

b.**Out-of-House Expenditures**. Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding. R
$ 0 K

c.**Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expended on contract during FY 1993 for this functional support area - life cycle work area. R
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	1.1 PLATFORM - UNDERSEA
Life Cycle Work Area	PRODUCTION

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
0.4 WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 114.7 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expended on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

R

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	1.1 PLATFORM - UNDERSEA
Life Cycle Work Area	MODERNIZATION

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1.**In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
20.5 WYs

2.**Expenditures.**

a.**In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 2,053.4 K

b.**Out-of-House Expenditures**. Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding. R
$ 0 K

c.**Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expended on contract during FY 1993 for this functional support area - life cycle work area. R
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	1.1 PLATFORM - UNDERSEA
Life Cycle Work Area	MODERNIZATION

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1.**In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
20.5 WYs

2.**Expenditures.**

a.**In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 2,053.4 K

b.**Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c.**Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expended on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

R

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	1.1 PLATFORM - UNDERSEA
Life Cycle Work Area	MAINTENANCE

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1.**In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
20.2 WYs

2.**Expenditures.**

a.**In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 2,817.6 K

b.**Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding. R
$ 0 K

c.**Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expended on contract during FY 1993 for this functional support area - life cycle work area. R
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	1.1 PLATFORM - UNDERSEA
Life Cycle Work Area	MAINTENANCE

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
20.2 WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 2,817.6 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expended on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

R

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	1.1 PLATFORM - UNDERSEA
Life Cycle Work Area	REPAIR

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1.**In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
77.0 WYs

2.**Expenditures.**

a.**In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 14,391.8 K

b.**Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding. R
$ 0 K

c.**Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expended on contract during FY 1993 for this functional support area - life cycle work area. R
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	1.1 PLATFORM - UNDERSEA
Life Cycle Work Area	REPAIR

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1.**In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
77.0 WYs

2.**Expenditures.**

a.**In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 14,391.8 K

b.**Out-of-House Expenditures**. Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c.**Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expended on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

R

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	1.1 PLATFORM - UNDERSEA
Life Cycle Work Area	TESTING

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
10.2 WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 1,289.8 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding. R
$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expended on contract during FY 1993 for this functional support area - life cycle work area. R
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	1.1 PLATFORM - UNDERSEA
Life Cycle Work Area	TESTING

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
10.2 WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 1,289.8 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expended on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	1.1 PLATFORM - UNDERSEA
Life Cycle Work Area	PROGRAM SUPPORT

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
6.1 WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 850.4 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding. R
$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area. R
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	1.1 PLATFORM - UNDERSEA
Life Cycle Work Area	PROGRAM SUPPORT

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
6.1 WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 850.4 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

R

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	1.1 PLATFORM - UNDERSEA
Life Cycle Work Area	RETIREMENT

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
148.3 WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 144,313.2 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding. R
$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area. R
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	1.1 PLATFORM - UNDERSEA
Life Cycle Work Area	RETIREMENT

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1.**In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
148.3 WYs

2.**Expenditures.**

a.**In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 144,313.2 K

b.**Out-of-House Expenditures.** Provide the total funds expended, in thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c.**Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

R

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	1.1 PLATFORM - UNDERSEA
Life Cycle Work Area	TRAINING/OPS SUPPORT

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
3.1 WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 345.7 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding. R
$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area. R
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	1.1 PLATFORM - UNDERSEA
Life Cycle Work Area	TRAINING/OPS SUPPORT

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1.**In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
3.1 WYs

2.**Expenditures.**

a.**In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 345.7 K

b.**Out-of-House Expenditures**. Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c.**Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

K

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	1.2 PLATFORM - AIRCRAFT
Life Cycle Work Area	RDT&E MANAGEMENT SUP

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
NEG WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 0.1 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding. R
$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area. R
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	1.2 PLATFORM - AIRCRAFT
Life Cycle Work Area	RDT&E MANAGEMENT SUP

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
NEG WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 0.1 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

R

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	1.2 PLATFORM - AIRCRAFT
Life Cycle Work Area	REPAIR

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1.**In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
0.1 WYs

2.**Expenditures.**

a.**In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 6.9 K

b.**Out-of-House Expenditures**. Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding. R
$ 0 K

c.**Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area. R
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	1.2 PLATFORM - AIRCRAFT
Life Cycle Work Area	REPAIR

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
0.1 WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 6.9 K

b. **Out-of-House Expenditures**. Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

R

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	1.3 PLATFORM - SURFACE SHIP
Life Cycle Work Area	ENGR/MNFG DEVEL

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1.**In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
0.2 WYs

2.**Expenditures.**

a.**In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 26.1 K

b.**Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding. R
$ 0 K

c.**Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area. R
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	1.3 PLATFORM - SURFACE SHIP
Life Cycle Work Area	ENGR/MNFG DEVEL

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1.**In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
0.2 WYs

2.**Expenditures.**

a.**In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 26.1 K

b.**Out-of-House Expenditures**. Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c.**Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

R

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	1.3 PLATFORM - SURFACE SHIP
Life Cycle Work Area	RDT&E MANAGEMENT SUPPORT

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1.**In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
24.0 WYs

2.**Expenditures.**

a.**In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 2,649.5 K

b.**Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding. R
$ 0 K

c.**Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area. R
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	1.3 PLATFORM - SURFACE SHIP
Life Cycle Work Area	RDT&E MANAGEMENT SUPPORT

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
24.0 WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 2,649.5 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

K

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	1.3 PLATFORM - SURFACE SHIP
Life Cycle Work Area	PRODUCTION

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1.**In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
1.0 WYs

2.**Expenditures.**

a.**In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 191.0 K

b.**Out-of-House Expenditures**. Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ 0 K

c.**Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	1.3 PLATFORM - SURFACE SHIP
Life Cycle Work Area	PRODUCTION

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
1.0 WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 191.0 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

R

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	1.3 PLATFORM - SURFACE SHIP
Life Cycle Work Area	MODERNIZATION

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1.**In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
520.5 WYs

2.**Expenditures.**

a.**In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 59,410 K

b.**Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding. R
$ 0 K

c.**Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area. R
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	1.3 PLATFORM - SURFACE SHIP
Life Cycle Work Area	MODERNIZATION

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
520.5 WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 59,410 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ 1,154 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ 2,123.6 K

Primary UIC: 00251

K

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	1.3 PLATFORM - SURFACE SHIP
Life Cycle Work Area	REPAIR

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1.**In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
3,294.8 WYs

2.**Expenditures.**

a.**In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 421,754 K

b.**Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding. R
$ 0 K

c.**Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area. R
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	1.3 PLATFORM - SURFACE SHIP
Life Cycle Work Area	REPAIR

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
3,294.8 WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 421,754 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

R

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	1.3 PLATFORM - SURFACE SHIP
Life Cycle Work Area	IN-SERVICE ENGINEERING

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1.**In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
1.4 WYs

2.**Expenditures.**

a.**In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 140.2 K

b.**Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding. R
$ 0 K

c.**Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area. R
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	1.3 PLATFORM - SURFACE SHIP
Life Cycle Work Area	IN-SERVICE ENGINEERING

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
1.4 WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 140.2 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

R

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	1.3 PLATFORM - SURFACE SHIP
Life Cycle Work Area	PROGRAM SUPPORT

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1.**In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
25.7 WYs

2.**Expenditures.**

a.**In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 3,179.6 K

b.**Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding. R
$ 0 K

c.**Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area. R
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	1.3 PLATFORM - SURFACE SHIP
Life Cycle Work Area	PROGRAM SUPPORT

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
25.7 WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 3,179.6 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	1.3 PLATFORM - SURFACE SHIP
Life Cycle Work Area	RETIREMENT

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
182.6 WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 20,224.3 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding. R
$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area. R
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	1.3 PLATFORM - SURFACE SHIP
Life Cycle Work Area	RETIREMENT

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. *Out-of-house performers may include other departmental* or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1.**In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
182.6 WYs

2.**Expenditures.**

a.**In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 20,224.3 K

b.**Out-of-House Expenditures**. Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c.**Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

R

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	1.3 PLATFORM - SURFACE SHIP
Life Cycle Work Area	TRAINING/OPS SUPPORT

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
1.6 WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 208.4 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding. R
$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area. R
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	1.3 PLATFORM - SURFACE SHIP
Life Cycle Work Area	TRAINING/OPS SUPPORT

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
1.6 WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 208.4 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

R

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	2.1 WEAPONS - GUN SYSTEMS
Life Cycle Work Area	MODERNIZATION

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
3.7 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 444.4 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding. R
$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area. R
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	2.1 WEAPONS - GUN SYSTEMS
Life Cycle Work Area	MODERNIZATION

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
3.7 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 444.4 K

b. **Out-of-House Expenditures.** Provide the total funds expended, in thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

R

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	2.1 WEAPONS - GUN SYSTEMS
Life Cycle Work Area	REPAIR

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
7.5 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 963.5 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding. R
$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area. R
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	2.1 WEAPONS - GUN SYSTEMS
Life Cycle Work Area	REPAIR

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
7.5 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 963.5 K

b. **Out-of-House Expenditures**. Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

R

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	2.1 WEAPONS - GUN SYSTEMS
Life Cycle Work Area	RETIREMENT

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
0.3 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 27.5 K

b. **Out-of-House Expenditures**. Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	2.1 WEAPONS - GUN SYSTEMS
Life Cycle Work Area	RETIREMENT

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
0.3 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 27.5 K

b. **Out-of-House Expenditures**. Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

R

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	2.2 WEAPONS - GUIDED MISSILES
Life Cycle Work Area	MODERNIZATION

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
67.3 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 8,205.0 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding. R
$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area. R
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	2.2 WEAPONS - GUIDED MISSILES
Life Cycle Work Area	MODERNIZATION

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
67.3 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 8,205.0 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

R

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	2.4 WEAPONS - TORPEDOES
Life Cycle Work Area	MODERNIZATION

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
0.1 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 21.5 K

b. **Out-of-House Expenditures**. Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding. R
$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area. R
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	2.4 WEAPONS - TORPEDOES
Life Cycle Work Area	MODERNIZATION

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
0.1 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 21.5 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	2.4 WEAPONS - TORPEDOES
Life Cycle Work Area	REPAIR

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, *not-for-profit institutions* and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
4.7 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 547.1 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding. R
$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area. R
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	2.4 WEAPONS - TORPEDOES
Life Cycle Work Area	REPAIR

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
4.7 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 547.1 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

R

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	2.6 WEAPONS - DIRECTED ENERGY
Life Cycle Work Area	RDT&E MANAGEMENT SUPPORT

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
2.4 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 275.4 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	2.6 WEAPONS - DIRECTED ENERGY
Life Cycle Work Area	RDT&E MANAGEMENT SUPPORT

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
2.4 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 275.4 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

K

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	2.8 WEAPONS - LAUNCHERS
Life Cycle Work Area	MODERNIZATION

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
6.1 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 737.5 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding. R
$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area. R
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	2.8 WEAPONS - LAUNCHERS
Life Cycle Work Area	MODERNIZATION

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
6.1 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 737.5 K

b. **Out-of-House Expenditures**. Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

K

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	2.8 WEAPONS - LAUNCHERS
Life Cycle Work Area	REPAIR

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
23.2 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 3,136.7 K

b. **Out-of-House Expenditures**. Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding. R
$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area. R
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	2.8 WEAPONS - LAUNCHERS
Life Cycle Work Area	REPAIR

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
23.2 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area
$ 3,136.7 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	2.8 WEAPONS - LAUNCHERS
Life Cycle Work Area	RETIREMENT

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
0.4 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 56.3 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	2.8 WEAPONS - LAUNCHERS
Life Cycle Work Area	RETIREMENT

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
0.4 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 56.3 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

R

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	2.9 WEAPONS-FIRE CONTROL
Life Cycle Work Area	MODERNIZATION

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
0.3 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 36.9 K

b. **Out-of-House Expenditures**. Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding. R
$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area. R
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	2.9 WEAPONS-FIRE CONTROL
Life Cycle Work Area	MODERNIZATION

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
0.3 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area
$ 36.9 K

b. **Out-of-House Expenditures**. Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

R

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	2.9 WEAPONS-FIRE CONTROL
Life Cycle Work Area	REPAIR

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
12.5 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 2,087.0 K

b. **Out-of-House Expenditures**. Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding. R
$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area. R
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	2.9 WEAPONS-FIRE CONTROL
Life Cycle Work Area	REPAIR

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
12.5 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 2,087.0 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

K

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	2.9 WEAPONS-FIRE CONTROL
Life Cycle Work Area	RETIREMENT

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
0.8 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 128.2 K

b. **Out-of-House Expenditures**. Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding. R
$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area. R
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	2.9 WEAPONS-FIRE CONTROL
Life Cycle Work Area	RETIREMENT

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
0.8 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 128.2 K

b. **Out-of-House Expenditures**. Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

R

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	3.1 COMBAT SYSTEMS - SUBSURFACE
Life Cycle Work Area	RDT&E MANAGEMENT

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
9.0 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 1,087.8 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding. R
$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area. R
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	3.1 COMBAT SYSTEMS - SUBSURFACE
Life Cycle Work Area	RDT&E MANAGEMENT

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
9.0 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 1,087.8 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

K

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	3.1 COMBAT SYSTEMS - SUBSURFACE
Life Cycle Work Area	TESTING

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
3.2 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 381.2 K

b. **Out-of-House Expenditures**. Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	3.1 COMBAT SYSTEMS - SUBSURFACE
Life Cycle Work Area	TESTING

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
3.2 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 381.2 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

R

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	3.1 COMBAT SYSTEMS - SUBSURFACE
Life Cycle Work Area	IN SERVICE ENG

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
NEG WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 2.0 K

b. **Out-of-House Expenditures**. Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	3.1 COMBAT SYSTEMS - SUBSURFACE
Life Cycle Work Area	IN SERVICE ENG

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
NEG WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 2.0 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

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TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	3.3 COMBAT SYSTEMS - SURFACE
Life Cycle Work Area	REPAIR

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
0.2 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 22.0 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding. R
$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area. R
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	3.3 COMBAT SYSTEMS - SURFACE
Life Cycle Work Area	REPAIR

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
0.2 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 22.0 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

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TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	3.3 COMBAT SYSTEMS - SURFACE
Life Cycle Work Area	IN-SERVICE ENGINEERING

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
1.0 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 144.7 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding. R
$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area. R
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	3.3 COMBAT SYSTEMS - SURFACE
Life Cycle Work Area	IN-SERVICE ENGINEERING

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
1.0 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 144.7 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

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TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	3.4 COMBAT SYSTEMS - MULTIPLATFORM
Life Cycle Work Area	MODERNIZATION

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
0.1 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 11.4 K

b. **Out-of-House Expenditures**. Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding. R
$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area. R
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	3.4 COMBAT SYSTEMS - MULTIPLATFORM
Life Cycle Work Area	MODERNIZATION

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
0.1 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 11.4 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

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TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	4.1 SPECOPS - LANDING FORCE
Life Cycle Work Area	MODERNIZATION

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
17.4 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 2,792.7 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	4.1 SPECOPS - LANDING FORCE
Life Cycle Work Area	MODERNIZATION

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
17.4 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 2,792.7 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

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TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	5.1 SENSORS/SURV SONAR
Life Cycle Work Area	MODERNIZATION

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
4.6 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 547.2 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding. R
$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area. R
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	5.1 SENSORS/SURV SONAR
Life Cycle Work Area	MODERNIZATION

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
4.6 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 547.2 K

b. **Out-of-House Expenditures**. Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

R

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	5.1 SENSORS/SUV - SONAR
Life Cycle Work Area	MAINTENANCE

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
0.3 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 44.7 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding. R
$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area. R
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	5.1 SENSORS/SUV - SONAR
Life Cycle Work Area	MAINTENANCE

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
0.3 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 44.7 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

R

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	5.1 SENSORS/SURV - SONAR
Life Cycle Work Area	REPAIR

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
7.2 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 909.0 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding. R
$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area. R
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	5.1 SENSORS/SURV - SONAR
Life Cycle Work Area	REPAIR

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
7.2 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 909.0 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

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TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	5.1 SENSORS/SURV - SONAR
Life Cycle Work Area	PROGRAM SUPPORT

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
0.2 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 22.7 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding. R
$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area. R
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	5.1 SENSORS/SURV - SONAR
Life Cycle Work Area	PROGRAM SUPPORT

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
0.2 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 22.7 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area
$ _____ K

Primary UIC: 00251

K

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	5.1 SENSORS/SURV - SONAR
Life Cycle Work Area	RETIREMENT

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
1.1 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 93.5 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	5.1 SENSORS/SURV - SONAR
Life Cycle Work Area	RETIREMENT

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
1.1 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 93.5 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area
$ _____ K

Primary UIC: 00251

K

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	5.2 SENSORS/SURV - RADAR
Life Cycle Work Area	PRODUCTION

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
NEG WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 3.1 K

b. **Out-of-House Expenditures**. Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	5.2 SENSORS/SURV - RADAR
Life Cycle Work Area	PRODUCTION

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
NEG WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 3.1 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

R

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	5.2 SENSORS/SURV - RADAR
Life Cycle Work Area	MODERNIZATION

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
66.7 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 8,023.8 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	5.2 SENSORS/SURV - RADAR
Life Cycle Work Area	MODERNIZATION

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
66.7 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 8,023.8 K

b. **Out-of-House Expenditures**. Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	5.2 SENSORS/SURV - RADAR
Life Cycle Work Area	REPAIR

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
6.1 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 963.2 K

b. **Out-of-House Expenditures**. Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	5.2 SENSORS/SURV - RADAR
Life Cycle Work Area	REPAIR

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
6.1 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 963.2 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

R

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	5.2 SENSORS/SURV - RADAR
Life Cycle Work Area	RETIREMENT

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
0.3 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 36.4 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	5.2 SENSORS/SURV - RADAR
Life Cycle Work Area	RETIREMENT

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
0.3 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 36.4 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area
$ _____ K

Primary UIC: 00251

R

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	5.5 SENSORS/SURV - OCEAN SURV
Life Cycle Work Area	PRODUCTION

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
0.3 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 40.2 K

b. **Out-of-House Expenditures**. Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	5.5 SENSORS/SURV - OCEAN SURV
Life Cycle Work Area	PRODUCTION

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
0.3 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 40.2 K

b. **Out-of-House Expenditures**. Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	5.5 SENSORS/SURV - OCEAN SURV
Life Cycle Work Area	REPAIR

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
1.2 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 209.9 K

b. **Out-of-House Expenditures**. Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	5.5 SENSORS/SURV - OCEAN SURV
Life Cycle Work Area	REPAIR

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
1.2 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 209.9 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

K

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	5.5 SENSORS/SURV - OCEAN SURV
Life Cycle Work Area	RETIREMENT

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
0.4 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 48.1 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	5.5 SENSORS/SURV - OCEAN SURV
Life Cycle Work Area	RETIREMENT

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
0.4 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 48.1 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

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TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	6.1 NAV - SUBNAV SYSTEMS
Life Cycle Work Area	PRODUCTION

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
NEG WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 6.5 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding. R
$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area. R
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	6.1 NAV - SUBNAV SYSTEMS
Life Cycle Work Area	PRODUCTION

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
NEG WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 6.5 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

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TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	6.1 NAV - SUBNAV SYSTEMS
Life Cycle Work Area	MODERNIZATION

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
20.9 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 2513.7 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding. R
$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area. R
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	6.1 NAV - SUBNAV SYSTEMS
Life Cycle Work Area	MODERNIZATION

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
20.9 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 2513.7 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars $ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

R

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	6.1 NAV-SUBNAV SYSTEM
Life Cycle Work Area	MAINTENANCE

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
0.2 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 35.8 K

b. **Out-of-House Expenditures**. Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding. R
$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area. R
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	6.1 NAV-SUBNAV SYSTEM
Life Cycle Work Area	MAINTENANCE

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
0.2 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 35.8 K

b. **Out-of-House Expenditures**. Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

R

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	6.1 NAV-SUBNAV SYSTEM
Life Cycle Work Area	REPAIR

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
0.2 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 34.9 K

b. **Out-of-House Expenditures**. Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding. R
$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area. R
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	6.1 NAV-SUBNAV SYSTEM
Life Cycle Work Area	REPAIR

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
0.2 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 34.9 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

R

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	6.3 NAV - SURF SHIP
Life Cycle Work Area	RDT&E MANAGEMENT SUI

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
1.3 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 115.2 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding. R
$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area. R
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	6.3 NAV - SURF SHIP
Life Cycle Work Area	RDT&E MANAGEMENT SUP

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
1.3 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 115.2 K

b. **Out-of-House Expenditures**. Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

R

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	6.3 NAV - SURF SHIP
Life Cycle Work Area	MODERNIZATION

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
7.7 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 1,037.6 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding. R
$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area. R
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	6.3 NAV - SURF SHIP
Life Cycle Work Area	MODERNIZATION

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
7.7 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 1,037.6 K

b. **Out-of-House Expenditures**. Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

R

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	6.3 NAV - SURF SHIP
Life Cycle Work Area	REPAIR

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
7.0 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 1,024.2 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding. R
$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area. R
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	6.3 NAV - SURF SHIP
Life Cycle Work Area	REPAIR

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
7.0 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 1,024.2 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

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TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	6.3 NOAV - SURF SHIP
Life Cycle Work Area	RETIREMENT

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
0.1 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 14.4 K

b. **Out-of-House Expenditures**. Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding. R
$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area. R
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	6.3 NOAV - SURF SHIP
Life Cycle Work Area	RETIREMENT

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
0.1 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area
$ 14.4 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

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TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	7.1 C^3I - SUBMARINE
Life Cycle Work Area	MODERNIZATION

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
NEG WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 3.6 K

b. **Out-of-House Expenditures**. Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding. R
$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area. R
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	7.1 C^3I - SUBMARINE
Life Cycle Work Area	MODERNIZATION

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

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1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
NEG WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 3.6 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

R

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	7.1 C^3I - SUBMARINE
Life Cycle Work Area	MAINTENANCE

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
NEG WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 3.9 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding. R
$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area. R
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	7.1 C^3I - SUBMARINE
Life Cycle Work Area	MAINTENANCE

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

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1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
NEG WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 3.9 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

K

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	7.1 C³1 - SUBMARINE
Life Cycle Work Area	REPAIR

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
8.3 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 2,064.0 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding. R
$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area. R
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	7.1 C^3I - SUBMARINE
Life Cycle Work Area	REPAIR

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

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1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
8.3 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 2,064.0 K

b. **Out-of-House Expenditures**. Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

R

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	7.1 C^3Q - SUBMARINES
Life Cycle Work Area	TESTING

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
3.1 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 354.3 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding. R
$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area. R
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	7.1 C^3Q - SUBMARINES
Life Cycle Work Area	TESTING

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

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3.1 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 354.3 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

R

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	7.3 C^3I - SHIPBOARD
Life Cycle Work Area	INSERVICE ENG

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

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1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
NEG WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 11.1 K

b. **Out-of-House Expenditures**. Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding. R
$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area. R
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	7.3 C^3I - SHIPBOARD
Life Cycle Work Area	INSERVICE ENG

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

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NEG WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 11.1 K

b. **Out-of-House Expenditures**. Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

R

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	7.3 C^3I - SHIPBOARD
Life Cycle Work Area	PRODUCTION

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

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1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
NEG WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 5.0 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding. R
$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area. R
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	7.3 C^3I - SHIPBOARD
Life Cycle Work Area	PRODUCTION

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

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NEG WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 5.0 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

K

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	7.3 C³1 - SHIPBOARD
Life Cycle Work Area	MODERNIZATION

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
188.2 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 22,970.8 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. Do not include direct cite funding. R
$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area. R
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	7.3 C^3I - SHIPBOARD
Life Cycle Work Area	MODERNIZATION

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
188.2 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 22,970.8 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

R

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	7.3 C^3I - SHIPBOARD
Life Cycle Work Area	REPAIR

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
28.1 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 4,096.2 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	7.3 C^3I - SHIPBOARD
Life Cycle Work Area	REPAIR

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
28.1 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 4,096.2 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

R

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	7.3 C^3I - SHIPBOARD
Life Cycle Work Area	TESTING

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
NEG WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 1.5 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ 0 K R

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ 0 K R

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	7.3 C^3I - SHIPBOARD
Life Cycle Work Area	TESTING

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
NEG WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 1.5 K

b. **Out-of-House Expenditures**. Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

R

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	7.3 C^3I - SHIPBOARD
Life Cycle Work Area	RETIREMENT

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
1.6 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 200.0 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding. R
$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area. R
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	7.3 C^3I - SHIPBOARD
Life Cycle Work Area	RETIREMENT

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
1.6 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 200.0 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	7.4 C^3I - SPACE COMM SYS
Life Cycle Work Area	MODERNIZATION

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
3.4 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 518.9 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding. R
$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area. R
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	7.4 C^3I - SPACE COMM SYS
Life Cycle Work Area	MODERNIZATION

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
3.4 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 518.9 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

R

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	7.4 C^3I - LAND BASED
Life Cycle Work Area	PROGRAM SUPPORT

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
0.6 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 132.1 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding. R
$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area. R
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	7.4 C^3I - LAND BASED
Life Cycle Work Area	PROGRAM SUPPORT

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
0.6 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 132.1 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

R

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	7.4 C^3I - LAND BASED
Life Cycle Work Area	REPAIR

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
1.4 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 186.4 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding. R
$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area. R
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	7.4 C^3I - LAND BASED
Life Cycle Work Area	REPAIR

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
1.4 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 186.4 K

b. **Out-of-House Expenditures**. Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

R

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	7.7 C^3I - AIR TRAFFIC CONTROL
Life Cycle Work Area	MODERNIZATION

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
0.4 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 62.6 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding. R
$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area. R
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	7.7 C^3I - AIR TRAFFIC CONTROL
Life Cycle Work Area	MODERNIZATION

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
0.4 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 62.6 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

K

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	7.7 C³I - AIR TRAFFIC CONTROL
Life Cycle Work Area	REPAIR

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
8.0 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 1,223.6 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding. R
$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area. R
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	7.7 C^3I - AIR TRAFFIC CONTROL
Life Cycle Work Area	REPAIR

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
8.0 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 1,223.6 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

R

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	7.8 C³I INTEL INFO SYS
Life Cycle Work Area	RDT&E MANAGEMENT SUP

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
7.0 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 694.3 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding. R
$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area. R
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	7.8 C^3I INTEL INFO SYS
Life Cycle Work Area	RDT&E MANAGEMENT SUP

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
7.0 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area
$ 694.3 K

b. **Out-of-House Expenditures**. Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

R

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	7.8 C^3I - INTEL INFO SYS
Life Cycle Work Area	MODERNIZATION

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
8.2 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 963.5 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ 0 K R

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area. R
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	7.8 C^3I - INTEL INFO SYS
Life Cycle Work Area	MODERNIZATION

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
8.2 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 963.5 K

b. **Out-of-House Expenditures**. Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	7.8 C^3I - INTEL INFO SYS
Life Cycle Work Area	REPAIR

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
2.3 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 303.2 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding. R
$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area. R
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	7.8 C^3I - INTEL INFO SYS
Life Cycle Work Area	REPAIR

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
2.3 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 303.2 K

b. **Out-of-House Expenditures**. Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

R

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	8.2 DEF SYS - COUNTERMEASURES
Life Cycle Work Area	REPAIR

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
4.0 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 553.2 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. Do not include direct cite funding.
$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	8.2 DEF SYS - COUNTERMEASURES
Life Cycle Work Area	REPAIR

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
4.0 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 553.2 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

R

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	8.2 DEF SYS - COUNTERMEASURES
Life Cycle Work Area	RETIREMENT

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
NEG WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 3.7 K

b. **Out-of-House Expenditures**. Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding. R
$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area. R
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	8.2 DEF SYS - COUNTERMEASURES
Life Cycle Work Area	RETIREMENT

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
NEG WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 3.7 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

K

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	8.3 DEF SYS - ELECT WARFARE
Life Cycle Work Area	MODERNIZATION

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
15.8 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 1,905.6 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	8.3 DEF SYS - ELECT WARFARE
Life Cycle Work Area	MODERNIZATION

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
15.8 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 1,905.6 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

K

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	8.3 DEF SYS - ELECT WARFARE
Life Cycle Work Area	REPAIR

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
3.1 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 567.9 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding. R
$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area. R
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	8.3 DEF SYS - ELECT WARFARE
Life Cycle Work Area	REPAIR

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
3.1 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 567.9 K

b. **Out-of-House Expenditures**. Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

R

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	8.3 DEF SYS - ELECT WARFARE
Life Cycle Work Area	RETIREMENT

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1.**In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
2.6 WYs

2.**Expenditures.**

a.**In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 25.5 K

b.**Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. Do not include direct cite funding. R
$ 0 K

c.**Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area. R
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	8.3 DEF SYS - ELECT WARFARE
Life Cycle Work Area	RETIREMENT

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
2.6 WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 25.5 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	9.1 STRAT SYS - NAVY
Life Cycle Work Area	REPAIR

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
1.1 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 264.9 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ 0 K R

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars $ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ 0 K R

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	9.1 STRAT SYS - NAVY
Life Cycle Work Area	REPAIR

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
1.1 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 264.9 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

R

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	9.1 STRAT SYS - NAVY
Life Cycle Work Area	TESTING

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
7.1 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 769.4 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	9.1 STRAT SYS - NAVY
Life Cycle Work Area	TESTING

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
7.1 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 769.4 K

b. **Out-of-House Expenditures**. Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

K

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	10.1 PERSONNEL/TRAINING - SUBMARINES
Life Cycle Work Area	RDT&E MGMT SUPPORT

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
NEG WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 0.1 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	10.1 PERSONNEL/TRAINING - SUBMARINES
Life Cycle Work Area	RDT&E MGMT SUPPORT

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
NEG WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 0.1 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

R

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	10.1 PERSONNEL/TRAINING - SUBMARINE
Life Cycle Work Area	PROGRAM SUPPORT

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
NEG WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 4.8 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. Do not include direct cite funding.
$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	10.1 PERSONNEL/TRAINING - SUBMARINE
Life Cycle Work Area	PROGRAM SUPPORT

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
NEG WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 4.8 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area
$ _____ K

Primary UIC: 00251

R

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	10.1 PERSONNEL/TRAINING - SUBMARINES
Life Cycle Work Area	TRNG/OPS SUPPORT

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
NEG WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 5.1 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding. R
$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area. R
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	10.1 PERSONNEL/TRAINING - SUBMARINES
Life Cycle Work Area	TRNG/OPS SUPPORT

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
NEG WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 5.1 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

R

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	10.3 FAC ENGINEERING
Life Cycle Work Area	PRODUCTION

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
95.9 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 764.8 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding. R
$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area. R
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	10.3 FAC ENGINEERING
Life Cycle Work Area	PRODUCTION

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
95.9 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 764.8 K

b. **Out-of-House Expenditures**. Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

R

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	10.3 FAC ENGINEERING
Life Cycle Work Area	MODERNIZATION

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
2.7 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 239.3 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ 0 K R

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area. R
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	10.3 FAC ENGINEERING
Life Cycle Work Area	MODERNIZATION

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
2.7 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 239.3 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

K

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	10.3 FAC ENGINEERING
Life Cycle Work Area	REPAIR

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
15.0 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 2,260.3 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. Do not include direct cite funding.
$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	10.3 FAC ENGINEERING
Life Cycle Work Area	REPAIR

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
15.0 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 2,260.3 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	10.4 DIVING/SLAV/O.E.
Life Cycle Work Area	TESTING

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
NEG WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 6.0 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ 0 K R

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ 0 K R

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	10.4 DIVING/SLAV/O.E.
Life Cycle Work Area	TESTING

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
NEG WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 6.0 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	10.5 ENV DESCPR/PRED
Life Cycle Work Area	RETIREMENT

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
2.1 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 299.3 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding. R
$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area. R
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	10.5 ENV DESCPR/PRED
Life Cycle Work Area	RETIREMENT

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
2.1 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 299.3 K

b. **Out-of-House Expenditures**. Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

R

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	10.6 CREW EQMT/LIFE SUPPORT - SUBMARINE
Life Cycle Work Area	MODERNIZATION

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
12.1 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 2,104.0 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ 0 K R

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ 0 K R

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	10.6 CREW EQMT/LIFE SUPPORT - SUBMARINE
Life Cycle Work Area	MODERNIZATION

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
12.1 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 2,104.0 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

K

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	10.6 CREW EQUIP/LIFE SUPT - SURFACE
Life Cycle Work Area	MODERNIZATION

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
15.8 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 2,570.4 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ 0 K R

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ 0 K R

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	10.6 CREW EQUIP/LIFE SUPT - SURFACE
Life Cycle Work Area	MODERNIZATION

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
15.8 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 2,570.4 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

K

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	10.6 CREW EQMT/LIFE SUPT - SURFACE
Life Cycle Work Area	REPAIR

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
0.1 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 17.5 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ 0 K R

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ 0 K R

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	10.6 CREW EQMT/LIFE SUPT - SURFACE
Life Cycle Work Area	REPAIR

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
0.1 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 17.5 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

K

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	10.8 OTHER SUBSID SYS
Life Cycle Work Area	MODERNIZATION

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
0.9 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 135.4 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	10.8 OTHER SUBSID SYS
Life Cycle Work Area	MODERNIZATION

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
0.9 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 135.4 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

R

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	10.8 OTHER SUBSUD SYS
Life Cycle Work Area	REPAIR

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
7.6 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 1,005.6 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding. R
$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area. R
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	10.8 OTHER SUBSUD SYS
Life Cycle Work Area	REPAIR

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
7.6 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 1,005.6 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

K

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	10.9 MISS/FUNC SUPT
Life Cycle Work Area	BASIC RESEARCH

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
0.2 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 41.5 K

b. **Out-of-House Expenditures**. Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ 0 K R

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ 0 K R

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	10.9 MISS/FUNC SUPT
Life Cycle Work Area	BASIC RESEARCH

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
0.2 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 41.5 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	10.9 MISS/FUNC SUPPORT
Life Cycle Work Area	PRODUCTION

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
NEG WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 7.5 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ 0 K R

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ 0 K R

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	10.9 MISS/FUNC SUPPORT
Life Cycle Work Area	PRODUCTION

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
NEG WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 7.5 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

R

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	10.9 MISS/FUNC SPT
Life Cycle Work Area	MODERNIZATION

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
2.7 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 39.6 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ 0 K R

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ 0 K R

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	10.9 MISS/FUNC SPT
Life Cycle Work Area	MODERNIZATION

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
2.7 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 39.6 K

b. **Out-of-House Expenditures**. Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area
$ _____ K

Primary UIC: 00251

R

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	10.9 MISS/FUNC SPT
Life Cycle Work Area	MAINTENANCE

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
NEG WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 0.5 K

b. **Out-of-House Expenditures**. Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	10.9 MISS/FUNC SPT
Life Cycle Work Area	MAINTENANCE

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
NEG WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 0.5 K

b. **Out-of-House Expenditures**. Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

R

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	10.9 MISS/FUNC SPT
Life Cycle Work Area	REPAIR

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
2.5 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 609.2 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding. R
$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area. R
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	10.9 MISS/FUNC SPT
Life Cycle Work Area	REPAIR

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
2.5 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 609.2 K

b. **Out-of-House Expenditures**. Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

K

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	10.9 MISS/FUNC SPT
Life Cycle Work Area	TESTING

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
14.9 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 1,994.2 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding. R
$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area. R
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	10.9 MISS/FUNC SPT
Life Cycle Work Area	TESTING

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
14.9 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 1,994.2 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area
$ _____ K

Primary UIC: 00251

R

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	10.9 MISS/FUNC SUPT
Life Cycle Work Area	IN-SERVICE ENGINEERING

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
7.6 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 958.9 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ 0 K R

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ 0 K R

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	10.9 MISS/FUNC SUPT
Life Cycle Work Area	IN-SERVICE ENGINEERING

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
7.6 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 958.9 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

R

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	10.9 MISS/FUNC SUPPORT
Life Cycle Work Area	PROGRAM SUPPORT

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
53.1 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 5,934.8 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding. R
$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area. R
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	10.9 MISS/FUNC SUPPORT
Life Cycle Work Area	PROGRAM SUPPORT

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
53.1 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 5,934.8 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	11.1 COMPUTERS
Life Cycle Work Area	MODERNIZATION

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
0.4 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 54.9 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding. R
$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area. R
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	11.1 COMPUTERS
Life Cycle Work Area	MODERNIZATION

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
0.4 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 54.9 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	11.1 COMPUTERS
Life Cycle Work Area	MAINTENANCE

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
0.2 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 27.3 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding. R
$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area. R
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	11.1 COMPUTERS
Life Cycle Work Area	MAINTENANCE

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
0.2 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 27.3 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	11.1 COMPUTERS
Life Cycle Work Area	REPAIR

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
1.0 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 282.0 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding. R
$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area. R
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	11.1 COMPUTERS
Life Cycle Work Area	REPAIR

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
1.0 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 282.0 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

R

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	11.3 COMM NETWORK
Life Cycle Work Area	MAINTENANCE

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
0.1 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 15.1 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ 0 K R

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars $ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ 0 K R

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	11.3 COMM NETWORK
Life Cycle Work Area	MAINTENANCE

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
0.1 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 15.1 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

R

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	11.3 COMM NETWORK
Life Cycle Work Area	REPAIR

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
0.1 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 12.5 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ 0 K R

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ 0 K R

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	11.3 COMM NETWORK
Life Cycle Work Area	REPAIR

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
0.1 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 12.5 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	11.3 COMM NETWORK
Life Cycle Work Area	TESTING

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
NEG WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 2.2 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ 0 K R

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ 0 K R

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	11.3 COMM NETWORK
Life Cycle Work Area	TESTING

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
NEG WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 2.2 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	11.3 COMM NETWORK
Life Cycle Work Area	TRNG/OPS SUPPORT

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
13.5 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 883.0 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	11.3 COMM NETWORK
Life Cycle Work Area	TRNG/OPS SUPPORT

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
13.5 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 883.0 K

b. **Out-of-House Expenditures**. Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

R

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	11.5 MATL & PROCESSES
Life Cycle Work Area	ENG & MNFG DEVEL

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
0.7 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 138.7 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ 0 K R

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ 0 K R

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	11.5 MATL & PROCESSES
Life Cycle Work Area	ENG & MNFG DEVEL

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
0.7 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 138.7 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

K

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	11.5 MATL & PROCESSES
Life Cycle Work Area	RDT&E MANAGEMENT SUPPORT

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
NEG WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 5.7 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding. R
$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area. R
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	11.5 MATL & PROCESSES
Life Cycle Work Area	RDT&E MANAGEMENT SUPPORT

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
NEG _____ WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 5.7 _____ K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

K

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	11.5 MATL AND PROCESSES
Life Cycle Work Area	OP SYS SUPPORT

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
0.2 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 25.7 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding. R
$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area. R
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	11.5 MATL AND PROCESSES
Life Cycle Work Area	OP SYS SUPPORT

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
0.2 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 25.7 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	11.5 MATL & PROCESSES
Life Cycle Work Area	MODERNIZATION

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
17.9 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 1,704.3 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ 0 K R

7c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ 0 K R

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	11.5 MATL & PROCESSES
Life Cycle Work Area	MODERNIZATION

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
17.9 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 1,704.3 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

7c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

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R

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	11 PLATFORM - UNDERSEA
Life Cycle Work Area	IN-SERVICE ENGINEERING

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
1.0 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 276.7 K

b. **Out-of-House Expenditures.** Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding. R
$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area. R
$ 0 K

Primary UIC: 00251

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	PUGET SOUND NAVAL SHIPYARD N00251
Functional Support Area	11 PLATFORM - UNDERSEA
Life Cycle Work Area	IN-SERVICE ENGINEERING

Note: An example of a functional support area - life cycle work area is: "1. Platform, 1.1 Undersea, - 10. Program Support".

Note: In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
1.0 WYs

2. **Expenditures**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 276.7 K

b. **Out-of-House Expenditures**. Provide the total funds expended, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ _____ K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expanded on contract during FY 1993 for this functional support area - life cycle work area.
$ _____ K

TAB B: SPECIAL FACILITIES AND EQUIPMENT FACILITIES/EQUIPMENT CAPABILITY FORM

INSTRUCTIONS FOR TAB B

A. Definitions

Special Facilities/Equipment Resources. Include a copy of the form provided at Tab B of this data call for each conventional (non-nuclear) facility and "major" piece of equipment located at this activity. *Include* information on separate detachments. The following definitions will apply:

Facilities will include such things as rocket firing bays, towing tanks, anechoic chambers, hypervelocity gun ranges, hyperbaric chambers, wind tunnels, simulation/emulation laboratories, etc. Include buildings that are integral to the facility/equipment. Do not include major outdoor ranges or land.

Additionally, describe modeling and simulation capabilities, hardware in-the-loop facilities and analysis or wargaming capabilities, as appropriate.

Equipment includes resources used to support the operation of the site with a replacement value of $500,000 or greater. Do not include land or buildings in this category. In reporting equipment, provide information to indicate the degree of portability of the equipment.
Class 3 Personal Property items ("plant equipment" or "equipment in place") by definition are highly portable and can be moved easily. Some Class 2 Installed Equipment, such as Main-frame computers, test stands and small hyperbaric chambers, require more extensive utilities support and assembly of components, but can be relocated without damage to the facility or equipment, and therefore are considered "moveable" assets. Other Class 2 items are so large and/or integral to the facility that houses them that major demolition and construction would be required to relocate them, and therefore are considered "fixed' assets.

B. Instructions

1. Complete Tab B for each piece of identified conventional facilities and equipment (as defined above) supporting all Functional Support Areas (products) marked in the matrix (Tab A, Tables 1.a-1.h).

2. Where appropriate, pieces of equipment may be aggregated for the purposes of completing Tab B. For example, inside shop equipment may be consolidated as a shop facility; cranes, special hull treatment enclosures, portable test equipment, etc.

3. Do not list drydocks as a facility or an equipment.

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TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	PUGET SOUND NAVAL SHIPYARD N00251
Facility or Equipment Nomenclature or Title	LOCOMOTIVE CRANE #5

1. State the primary purpose(s) of the facility/equipment.

Load/Unload Railcars of steel plates, drydock work, & scrapyard.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Portable

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = $ 580,000

4. Provide the gross weight and cube of the facility/equipment.

Gross Weight = 138,680 Cube = N/A

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

NONE

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

NONE

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

NONE. Shipyard environmental controls for diesel engines and hydraulic systems.

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

NONE. Commercially available product.

(continued next page)

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Facility or Equipment Nomenclature or Title: LOCO CR #5 , continued

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

Possibly shipped by railcar, machinery assembled with the exception of room in 1979.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Products: 1.1, submarine platform, 1.3, surface ship platform, 9.1, strategic.

Functions: Modernization, repair, retirement, maintenance.

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

Average 689 Crane run hours for 1 year.

12. Provide the projected utilization data out to FY 1997.

FY 95 662
FY 96 690
FY 97 671

13. What is the approximate number of personnel used to operate the facility/equipment?

Two

14. What is the approximate number of personnel needed to maintain the equipment?

During maintenance periods, the following comprise a typical maintenance team for this unit: two Engineers, two Inspectors, one Test Director, one Crane, two Riggers, two Mechanics, one Electrician, two Planner/Estimators. (39 M/D)

Total workdays maintenance in 1993 were 39 .

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.

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TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	PUGET SOUND NAVAL SHIPYARD N00251
Facility or Equipment Nomenclature or Title	LOCOMOTIVE CRANE, #6

1. State the primary purpose(s) of the facility/equipment.

To support east steelyard, drydock work, general work throughout the Shipyard.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Portable

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = $ 580,000

4. Provide the gross weight and cube of the facility/equipment.

Gross Weight = 233,640 Cube = N/A

5. Indicate any "special" utility support required by this facility equipment other than normal electrical power.

NONE

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

NONE

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

NONE. Standard environmental controls for diesel engines and hydraulic systems.

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

NONE. Commercially available product

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PHOTO BEING FORWARDED WITH SEPARATE CERTIFICATION

Primary UIC: 00251

Facility or Equipment Nomenclature or Title: LOCO CRANE #6, continued

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

Possibly shipped by railcar, machinery assembled with the exception of boom in 1953.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Products: 1.1, submarine platform, 1.3, surface ship platform, 9.1, strategic.

Functions: Modernization, repair, retirement, maintenance.

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

Average run hours for one year; 408

12. Provide the projected utilization data out to FY 1997.

FY 95 408
FY 96 450
FY 97 430

13. What is the approximate number of personnel used to operate the facility/equipment?

Two

14. What is the approximate number of personnel needed to maintain the equipment?

During maintenance periods, the following comprise a typical maintenance team for this unit: two engineers, two inspectors, one crane operator, one test director, two riggers, two mechanics, two planner/estimators, one electrician.

Total workdays maintenance in 1993 were 142.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.

Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	PUGET SOUND NAVAL SHIPYARD N00251
Facility or Equipment Nomenclature or Title	LOCOMOTIVE CRANE #7

1. State the primary purpose(s) of the facility/equipment.

To support Scrapyard and general Shipyard work.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Portable

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = $ 580,000

4. Provide the gross weight and cube of the facility/equipment.

Gross Weight = 238,780 Cube = N/A

5. Indicate any "special" utility support required by this facili quipment other than normal electrical power.

NONE

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

NONE

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

NONE. Standard environmental controls for diesel engines and hydraulic systems.

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

NONE. Commercially available product.

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Primary UIC: 00251

Facility or Equipment Nomenclature or Title: LOCO CRANE #7, continued

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

Possibly shipped by railcar, machinery assembled with the exception of the boom in 1953.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Products: 1.1, submarine platform, 1.3, surface ship platform, 9.1, strategic.

Functions: Modernization, repair, retirement, maintenance.

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

Average run hours for one year - 531

12. Provide the projected utilization data out to FY 1997.

FY 95 528
FY 96 535
FY 97 560

13. What is the approximate number of personnel used to operate the facility/equipment?

Two

14. What is the approximate number of personnel needed to maintain the equipment?

During maintenance periods, the following comprise a typical maintenance team for this unit: Two engineers, two inspectors, one test director, two riggers, one crane operator, two mechanics, one electrician, two planner/estimators.

Total workdays maintenance in 1993 were 128.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.

Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	PUGET SOUND NAVAL SHIPYARD N00251
Facility or Equipment Nomenclature or Title	LOCOMOTIVE CRANE #8

1. State the primary purpose(s) of the facility/equipment.

To support east steelyard load/unloading of steel plate, support burn table S.E. steelyard, miscellaneous general work.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Portable

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = $ 580,000

4. Provide the gross weight and cube of the facility/equipment.

Gross Weight = 239,120 Cube = N/A

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

NONE

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

NONE

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

NONE. Standard environmental controls for diesel engines and hydraulic systems.

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

NONE. Commercially available product.

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PHOTO BEING FORWARDED WITH SEPARATE CERTIFICATION

Primary UIC: 00251

Facility or Equipment Nomenclature or Title: LOCO CRANE #8, continued

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

Possibly shipped by railcar, machinery assembled with the exception of the boom in 1953.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Products: 1.1, submarine platform, 1.3, surface ship platform, 9.1, strategic.

Functions: Modernization, repair, retirement, maintenance.

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

Average crane run hours per year - 822

12. Provide the projected utilization data out to FY 1997.

FY 95 780
FY 96 830
FY 97 850

13. What is the approximate number of persc used to operate the facility/equipment?

Two

14. What is the approximate number of personnel needed to maintain the equipment?

During maintenance periods, the following comprise a typical maintenance team for this unit: Two engineers, two inspectors, one test director, one crane operator, two riggers, two mechanics, one electrician, two planner/estimators.

Total workdays maintenance in 1993 were 40.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.

Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	PUGET SOUND NAVAL SHIPYARD
Facility or Equipment Nomenclature or Title	LOCOMOTIVE CRANE #9

1. State the primary purpose(s) of the facility/equipment.

To support wheelarator (painting of steelplates) and scrapyard.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Portable

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = $ 580,000

4. Provide the gross weight and cube of the facility/equipment.

Gross Weight = 239,660 Cube = N/A

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

NONE

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

NONE

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

NONE. Standard environmental controls for diesel engines and hydraulic systems.

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

NONE. Commercially available product.

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PHOTO BEING FORWARDED WITH SEPARATE CERTIFICATION

Primary UIC: 00251

Facility or Equipment Nomenclature or Title: LOCO CRANE #9, continued

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

Possibly shipped by railcar, machinery assembled with the exception of the boom in 1953.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Products: 1.1, submarine platform, 1.3, surface ship platform, 9.1, strategic.

Functions: Modernization, repair, retirement, maintenance.

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

Average crane run hours per year - 228

12. Provide the projected utilization data out to FY 1997.

FY 95 220
FY 96 230
FY 97 231

13. What is the approximate number of personnel used to operate the facility/equipment?

Two

14. What is the approximate number of personnel needed to maintain the equipment?

During maintenance periods, the following comprise a typical maintenance team for this unit: Two engineers, two inspectors, one crane operator, two riggers.

Total workdays maintenance in 1993 were 113.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.

Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	PUGET SOUND NAVAL SHIPYARD
Facility or Equipment Nomenclature or Title	CRUISER CRANE #10

1. State the primary purpose(s) of the facility/equipment.

Weight Handling Equipment (WHE) to support drydock and pierside shipwork, support homeporting and recycling.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Portable

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = $ 675,000

4. Provide the gross weight and cube of the facility/equipment.

Gross Weight = 87,185 Cube = _____

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

NONE

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

NONE

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

NONE. Nothing more than controls for diesel engines and hydraulic systems.

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

NONE. Commercially available product.

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Primary UIC: 00251

Facility or Equipment Nomenclature or Title: CRUISER CRANE #10 , continued

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

Crane was transported by rail, fully constructed in 1962.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Products: 1.1, submarine platform, 1.3, surface ship platform, 9.1, strategic.

Functions: Modernization, repair, retirement, maintenance.

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

Average crane run hours per year - 656

12. Provide the projected utilization data out to FY 1997.

FY 95 656
FY 96 660
FY 97 700
(Increased utilization due to projected homeporting)

13. What is the approximate number of pers[illegible]used to operate th[illegible] facility/equipment?

Two

14. What is the approximate number of personnel needed to maintain the equipment?

During maintenance periods, the following comprise a typical maintenance team for this unit: Two engineers, two inspectors, one test director, one crane operator, two mechanics, one electrician, two planner/estimators, one rigger.

Total workdays maintenance in 1993 were 598 .

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.

Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	PUGET SOUND NAVAL SHIPYARD N00251
Facility or Equipment Nomenclature or Title	CRUISER CRANE #11

1. State the primary purpose(s) of the facility/equipment.

Weight Handling Equipment (WHE) to support drydock, pierside shipwork and to support recycling and homeporting.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Portable

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = $ 675,000

4. Provide the gross weight and cube of the facility/equipment.

Gross Weight = 87,185 Cube = N

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

NONE

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

NONE

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

NONE. Standard environmental controls for diesel engines and hydraulic systems.

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

NONE. Commercially available product.

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Primary UIC: 00251

Facility or Equipment Nomenclature or Title: CRUISER CRANE #11, continued

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

Crane was transported by rail, fully constructed in 1952.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Products: 1.1, submarine platform, 1.3, surface ship platform, 9.1, strategic.

Functions: Modernization, repair, retirement, maintenance.

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

Average crane run hours per year - 914

12. Provide the projected utilization data out to FY 1997.

FY 95 970
FY 96 990
FY 97 1050
(Increased utilization due to projected homeporting)

13. What is the approximate number of personnel used to operate the facility/equipment?

One

14. What is the approximate number of personnel needed to maintain the equipment?

During maintenance periods, the following comprise a typical maintenance team for this unit: Two engineers, two inspectors, one test director, one crane operator, one rigger, two mechanics, one electrician, two planners/estimators.

Total workdays maintenance in 1993 were 69 .

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.

Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	PUGET SOUND NAVAL SHIPYARD N00251
Facility or Equipment Nomenclature or Title	TRUCK MOUNTED LATTICE BOOM CRANE #15

1. State the primary purpose(s) of the facility/equipment.

Supports drydock/pierside shipwork, supports recycling and general purpose lifts throughout the Shipyard.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Portable

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = $ 850,000

4. Provide the gross weight and cube of the facility/equipment.

Gross Weight = 86,000 Cube = N/A

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

NONE

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

NONE

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

NONE. Standard environmental controls for diesel engines and hydraulic systems.

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

NONE. Commercially available product.

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Primary UIC: 00251

Facility or Equipment Nomenclature or Title: TRUCK MOUNTED CRANE #15, continued

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

Received by truck or rail in 1986. Transferred equipment from another government installation.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Products: 1.1, submarine platform, 1.3, surface ship platform, 9.1, strategic.

Functions: Modernization, repair, retirement, maintenance.

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

Average crane run hours for one year - 290

12. Provide the projected utilization data out to FY 1997.

FY 95 350
FY 96 355
FY 97 360
(Increase due to homeporting)

13. What is the approximate number of personnel used to operate the facility/equipment?

Three

14. What is the approximate number of personnel needed to maintain the equipment?

During maintenance periods, the following comprise a typical maintenance team for this unit: Two engineers, two inspectors, one test director, one crane operator, one rigger, two mechanics, one electrician, two planner/estimators.

Total workdays maintenance in 1993 were 96.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.

Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	PUGET SOUND NAVAL SHIPYARD N00251
Facility or Equipment Nomenclature or Title	TRUCK MOUNTER MOBILE LATTICE CRANE #16

1. State the primary purpose(s) of the facility/equipment.

General Shipyard work, carrier flight deck work, east & west end Shipyard born facilities for recycling.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Portable

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = $ 1,000,000

4. Provide the gross weight and cube of the facility/equipment.

Gross Weight = 135,985 Cube = N/A

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

NONE

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

NONE

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

NONE. Standard environmental controls for diesel engines and hydraulic systems.

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

NONE. Commercially available product

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Primary UIC: 00251

Facility or Equipment Nomenclature or Title: **TRUCK MOUNTED CRANE #16, continued**

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

Crane was transported by truck fully assembled with the exception of counterweight and boom sections in 1975.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Products: 1.1, submarine platform, 1.3, surface ship platform, 9.1, strategic.

Functions: Modernization, repair, retirement, maintenance.

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

Estimated run hours per year - 650
NOTE: Crane has been inoperative for three years. Contract pending for repair.

12. Provide the projected utilization data out to FY 1997.

FY 95 950
FY 96 955
FY 97 960
(This crane will replace rental crane)

13. What is the approximate number of personnel used to operate the facility/equipment?

Three

14. What is the approximate number of personnel needed to maintain the equipment?

During maintenance periods, the following comprise a typical maintenance team for this unit: Two engineers, two inspectors, one test director, one crane operator, one rigger, two mechanics, one electrician, two planner/estimators.

Total workdays maintenance in 1993 were 92.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.

Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	PUGET SOUND NAVAL SHIPYARD N00251
Facility or Equipment Nomenclature or Title	HAMMERHEAD CRANE #28

1. State the primary purpose(s) of the facility/equipment.

Heavy lift support up to 250 tons. Special nuclear material transhipments. Routine support for controlled industrial facility.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Crane is supported and attached to pier. The crane is too large that major demolition and construction would be required to relocate them, and therefore is considered fixed assets.

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = $ 35,852,000

4. Provide the gross weight and cube of the facility/equipment.

Gross Weight = 2,000 TON Cube = N/A

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

NONE

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

Special budgeting is required to meet the requirements of the P-307 and 7000 manual program for SPS cranes.

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

NONE

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

Specially designed and manufactured, long lead time product for specific applications. Crane is a "fixed" asset and cannot be relocated.

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Primary UIC: 00251

Facility or Equipment Nomenclature or Title: **HAMMERHEAD CRANE #28, continued**

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

Crane was built on-site in 1933.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Products: 1.1, submarine platform, 1.3, surface ship platform.

Functions: Modernization and repair.

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

Estimate - 200 hours per year. Crane 28 is not equipped with an hour meter.

12. Provide the projected utilization data out to FY 1997.

FY 95 200
FY 96 200
Fy 97 200

13. What is the approximate number of personnel used to operate the facility/equipment?

One

14. What is the approximate number of personnel needed to maintain the equipment?

During maintenance periods, the following comprise a typical maintenance team for this unit: Two engineers, two inspectors, one crane operator, two riggers, one test director, two electricians, four mechanics, two planner/estimators.

Total workdays maintenance in 1993 were 4,587.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.

Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	PUGET SOUND NAVAL SHIPYARD N00251
Facility or Equipment Nomenclature or Title	PORTAL CRANE #30

1. State the primary purpose(s) of the facility/equipment.

Support pierside support for homeporting of AOE's on Pier #4. General work on Pier 4. Crane is limited to Pier 4 exclusively.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Moveable

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = $ 5,330,000

4. Provide the gross weight and cube of the facility/equipment.

Gross Weight = 362,000 Cube = N/A

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

Requires 67'11" gage for tracks designed for appropriate wheel load.

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

NONE

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

NONE. Standard environmental controls for diesel engines.

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

Specially designed and manufactured. Long lead time product for specific applications. May not be readily relocatable without modification to the facility or equipment.

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Primary UIC: 00251

Facility or Equipment Nomenclature or Title: PORTAL CRANE #30, continued

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

Records do not indicate how the crane was transported, possibly by railcar. Received in 1934.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

1.3 Surface ship platform.

Modernization, repair and maintenance.

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

Average crane run hours per year - 870

12. Provide the projected utilization data out to FY 1997.

FY 95 900
FY 96 880
FY 97 950

13. What is the approximate number of personnel used to operate the facility/equipment?

Two

14. What is the approximate number of personnel needed to maintain the equipment?

During maintenance periods, the following comprise a typical maintenance team for this unit: Two engineers, two inspectors, one test director, one crane operator, two riggers, two mechanics, two electricians, two planner/ estimators.

Total workdays maintenance in 1993 were 174 .

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.

Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	PUGET SOUND NAVAL SHIPYARD
Facility or Equipment Nomenclature or Title	PORTAL CRANE #34

1. State the primary purpose(s) of the facility/equipment.

Support refueling/defueling, general pierside/drydock work.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Moveable

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = $ 10,000,000

4. Provide the gross weight and cube of the facility/equipment.

Gross Weight = 1,100,000 Cube = N/A

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

Requires 20' gage tracks designed for appropriate wheel loads.

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

NONE

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

NONE. Standard environment controls for diesel engines.

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

Specially designed and manufactured, long lead time product for specific applications. May not be readily relocatable for specific application to the facility or equipment.

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Primary UIC: 00251

Facility or Equipment Nomenclature or Title: PORTAL CRANE #34, continued

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

Records do not indicate how crane was transported. Possibly barged from Star Iron Crane was received in 1939.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Products: 1.1, submarine platform, 1.3, surface ship platform, 9.1 strategic.

Functions: Modernization, repair, retirement, maintenance.

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

Crane runs hours per year - 4178

12. Provide the projected utilization data out to FY 1997.

FY 95 4207
FY 96 4320
FY 97 4237

13. What is the approximate number of personnel used to operate the facility/equipment?

One

14. What is the approximate number of personnel needed to maintain the equipment?

During maintenance periods, the following comprise a typical maintenance team for this unit: Two engineers, two inspectors, one test director, one crane operator, two riggers, four mechanics, two electricians, two planner/ estimators.

Total workdays maintenance in 1993 were 1,678 .

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.

Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	PUGET SOUND NAVAL SHIPYARD N00251
Facility or Equipment Nomenclature or Title	PORTAL CRANE #42

1. State the primary purpose(s) of the facility/equipment.

To support refueling/defueling, general pierside drydock work.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Moveable.

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = $ 5,000,000

4. Provide the gross weight and cube of the facility/equipment.

Gross Weight = 338,000 Cube = N/A

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

Requires 20' gage tracks for appropriate wheel loads.

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

NONE

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

None. Standard environmental controls for diesel engines.

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

Specially designed and manufactured, long-lead time product for specific applications. May not be readily relocatable without modification to the facility or equipment.

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PHOTO BEING FORWARDED WITH SEPARATE CERTIFICATION

Primary UIC: 00251

Facility or Equipment Nomenclature or Title: Portal Crane #42, continued

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

Records do not indicate how crane was shipped. Crane was received in 1942.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Products: 1.1, submarine platform, 1.3, surface ship platform, 9.1 strategic.

Functions: Modernization, repair, retirement, maintenance.

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

Average crane run hours for one year - 4422.

12. Provide the projected utilization data out to FY 1997.

FY 95 4551
FY 96 4007
FY 97 4672

13. What is the approximate number of personnel used to operate the facility/equipment?

ONE

14. What is the approximate number of personnel needed to maintain the equipment?

During maintenance periods, the following comprise a typical maintenance team for this unit: Three engineers, two inspectors, one test director, one crane operator, two riggers, three mechanics, two electricians, two planner/ estimators.

Total workdays maintenance in 1993 were 469 .

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.

Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	PUGET SOUND NAVAL SHIPYARD N00251
Facility or Equipment Nomenclature or Title	PORTAL CRANE #43

1. State the primary purpose(s) of the facility/equipment.

To support refueling/defueling, general pierside drydock work.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Moveable.

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = $ 5,000,000

4. Provide the gross weight and cube of the facility/equipment.

Gross Weight = 338,000 Cube = N/A

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

Requires 20' gage track designed for appropriate wheel loads.

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

NONE

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

None. Standard environmental controls for diesel engines.

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

Specially designed and manufactured, long-lead time product for specific applications. May not be readily relocatable without modification to the facility or equipment.

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PHOTO BEING FORWARDED WITH SEPARATE CERTIFICATION

Primary UIC: 00251

Facility or Equipment Nomenclature or Title: Portal Crane #43, continued

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

Records do not indicate how crane was transported. Probability would be by rail or barge. Received in 1941.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Products: 1.1, submarine platform, 1.3, surface ship platform, 9.1 strategic.

Functions: Modernization, repair, retirement, maintenance.

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

Average crane run hours for one year - 3873.

12. Provide the projected utilization data out to FY 1997.

FY 95 4025
FY 96 4100
FY 97 4050

13. What is the approximate number of personnel used to operate the facility/equipment?

ONE

14. What is the approximate number of personnel needed to maintain the equipment?

During maintenance periods, the following comprise a typical maintenance team for this unit: Three engineers, two inspectors, one test director, one crane operator, two riggers, three mechanics, two electricians, two planner/ estimators.

Total workdays maintenance in 1993 were 760 .

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.

Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	PUGET SOUND NAVAL SHIPYARD N00251
Facility or Equipment Nomenclature or Title	PORTAL CRANE #51

1. State the primary purpose(s) of the facility/equipment.

Support pierside drydock shipwork, setting keel blocks, support recycling.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Moveable.

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = $ 5,000,000

4. Provide the gross weight and cube of the facility/equipment.

Gross Weight = 320,000 Cube = N/A

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

Requires 20' gage track for appropriate wheel loads.

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

NONE

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

None. Standard environmental control for diesel engines.

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

Specially designed and manufactured, long-lead time, product for specific applications. May not be readily relocatable without modification to the facility or equipment.

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Primary UIC: 00251

Facility or Equipment Nomenclature or Title: Portal Crane #51, continued

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

Records do not indicate how it was transported. Possibly shipped by barge from contractor, Washington Iron Works in 1941.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Products: 1.1, submarine platform, 1.3, surface ship platform, 9.1 strategic.

Functions: Modernization, repair, retirement, maintenance.

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

Average crane run hours per year - 3071.

12. Provide the projected utilization data out to FY 1997.

FY 95 2190
FY 96 3591
FY 97 2870

13. What is the approximate number of personnel used to operate the facility/equipment?

One

14. What is the approximate number of personnel needed to maintain the equipment?

During maintenance periods, the following comprise a typical maintenance team for this unit: Three engineers, two inspectors, one test director, one crane operator, two riggers, three mechanics, two electricians, two planner/ estimators.

Total workdays maintenance in 1993 were 266.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.

Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	PUGET SOUND NAVAL SHIPYARD N00251
Facility or Equipment Nomenclature or Title	PORTAL CRANE #53

1. State the primary purpose(s) of the facility/equipment.

Support pierside drydock shipwork, general lifts, support recycling.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Moveable.

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = $ 5,000,000

4. Provide the gross weight and cube of the facility/equipment.

Gross Weight = 320,000 Cube = N/A

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

Requires 20' gage track for appropriate wheel loads.

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

NONE

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

None. Standard environmental controls for diesel engines.

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

Specially designed and manufactured, long-lead time product, for specific applications. May not be readily relocatable without modification to the facility or equipment.

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Primary UIC: 00251

Facility or Equipment Nomenclature or Title: Portal Crane #53, continued

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

Records not do indicate how crane was transported. Possibly by barge from Washington Iron Works in 1943.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Products: 1.1, submarine platform, 1.3, surface ship platform, 9.1 strategic.

Functions: Modernization, repair, retirement, maintenance.

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

Average crane run hours for one year - 2190.

12. Provide the projected utilization data out to FY 1997.

FY 95 2260
FY 96 2490
FY 97 2041

13. What is the approximate number of personnel used to operate the facility/equipment?

One

14. What is the approximate number of personnel needed to maintain the equipment?

During maintenance periods, the following comprise a typical maintenance team for this unit: Three engineers, two inspectors, one test director, one crane operator, two riggers, three mechanics, two electricians, two planner/ estimators.

Total workdays maintenance in 1993 were 204 .

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.

Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	PUGET SOUND NAVAL SHIPYARD N00251
Facility or Equipment Nomenclature or Title	PORTAL CRANE #55

1. State the primary purpose(s) of the facility/equipment.

Support pierside drydock shipwork, general lifts, support recycling.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Moveable.

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = $ 5,000,000

4. Provide the gross weight and cube of the facility/equipment.

Gross Weight = 372,000 Cube = N/A

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

Requires 20' gage track for appropriate wheel loads.

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

NONE

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

None. Standard environmental controls for diesel engines.

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

Specially designed and manufactured, long-lead time product, for specific applications. May not be readily relocatable without modification to the facility or equipment.

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Primary UIC: 00251

Facility or Equipment Nomenclature or Title: Portal Crane #55, continued

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

Records do not indicate how crane was transported. Probably by barge from Washington Iron Works in 1942.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Products: 1.1, submarine platform, 1.3, surface ship platform, 9.1 strategic.

Functions: Modernization, repair, retirement, maintenance.

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

Average crane run hours for one year - 3952.

12. Provide the projected utilization data out to FY 1997.

FY 95 4000
FY 96 4032
FY 97 3051

13. What is the approximate number of personnel used to operate the facility/equipment?

One

14. What is the approximate number of personnel needed to maintain the equipment?

During maintenance periods, the following comprise a typical maintenance team for this unit: Three engineers, two inspectors, one test director, one operator, two riggers, three mechanics, two electricians, two planner/estimators.

Total workdays maintenance in 1993 were 181.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.

Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	PUGET SOUND NAVAL SHIPYARD N00251
Facility or Equipment Nomenclature or Title	PORTAL CRANE #57

1. State the primary purpose(s) of the facility/equipment.

Support general pierside drydock shipwork, support recycling.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Moveable.

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = $ 5,000,000

4. Provide the gross weight and cube of the facility/equipment.

Gross Weight = 372,000 Cube = N/A

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

Requires 20' gage track designed for appropriate wheel loads.

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

NONE

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

None. Standard environmental control for diesel engines.

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

Specially designed and manufactured, long-lead time product for specific applications. May not be readily relocatable without modification to the facility or equipment.

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Primary UIC: 00251

Facility or Equipment Nomenclature or Title: Portal Crane #57, **continued**

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

Records do not indicate how crane was transported. Crane was possibly barged from Washington Iron Works, Tacoma, WA. Crane was received in 1941.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Products: 1.1, submarine platform, 1.3, surface ship platform, 9.1 strategic.

Functions: Modernization, repair, retirement, maintenance.

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

Average crane run hours for one year - 2953.

12. Provide the projected utilization data out to FY 1997.

FY 95 2051
FY 96 2923
FY 97 3052

13. What is the approximate number of personnel used to operate the facility/equipment?

One

14. What is the approximate number of personnel needed to maintain the equipment?

During maintenance periods, the following comprise a typical maintenance team for this unit: Three engineers, two inspectors, one test director, one crane operator, three mechanics, two electricians, two planner/estimators.

Total workdays maintenance in 1993 were 179 .

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.

Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	PUGET SOUND NAVAL SHIPYARD N00251
Facility or Equipment Nomenclature or Title	CRAWLER/RINGER #73

1. State the primary purpose(s) of the facility/equipment.

Not used: See question 12

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Portable.

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = $ 6,000,000

4. Provide the gross weight and cube of the facility/equipment.

Gross Weight = 1,475,000 Cube = N/A

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

None.

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

NONE

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

None. Normal environmental controls for diesel engines and hydraulic systems.

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

None. Commercially available product.

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Primary UIC: 00251

Facility or Equipment Nomenclature or Title: Crawler/Ringer #73, continued

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

Shipped by rail in 1970.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Products: 1.1, submarine platform, 1.3, surface ship platform, 9.1 strategic.

Functions: Modernization, repair, retirement, maintenance.

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

Average crane run hours for one year - 2094.

12. Provide the projected utilization data out to FY 1997.

At the request of NAVSEA, crane has been stored since October 1993 until final disposition.

13. What is the approximate number of personnel used to operate the facility/equipment?

One

14. What is the approximate number of personnel needed to maintain the equipment?

During maintenance periods, the following comprise a typical maintenance team for this unit: Three engineers, two inspectors, one test director, two riggers, one crane operator, two mechanics, one electrician, two planner/estimators.

Total workdays maintenance in 1993 were 312 .

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.

Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	PUGET SOUND NAVAL SHIPYARD N00251
Facility or Equipment Nomenclature or Title	PORTAL CRANE #74

1. State the primary purpose(s) of the facility/equipment.

Support refueling/defueling; general pierside and drydock support.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Moveable.

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = $ 10,000,000

4. Provide the gross weight and cube of the facility/equipment.

Gross Weight = 1,361,000 Cube = N/A

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

Requires 20' gage track designed for appropriate wheel loads.

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

NONE

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

None. Standard environmental controls for diesel engines.

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

Specially designed and manufactured. Long-lead time product for specific applications. May not be readily relocatable without modification to the facility or equipment.

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Primary UIC: 00251

Facility or Equipment Nomenclature or Title: Portal Crane #74, continued

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

Records do not indicate how crane was transported. Probably would be by rail or barge. Received in 1944.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Products: 1.1, submarine platform, 1.3, surface ship platform, 9.1 strategic.

Functions: Modernization, repair, retirement, maintenance.

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

Average crane run hours for one year - 4265.

12. Provide the projected utilization data out to FY 1997.

FY 95 5528
FY 96 5804
FY 97 6094

13. What is the approximate number of personnel used to operate the facility/equipment?

One

14. What is the approximate number of personnel needed to maintain the equipment?

During maintenance periods, the following comprise a typical maintenance team for this unit: Three engineers, two inspectors, one test director, one crane operator, two riggers, three mechanics, two electricians, two planner/ estimators.

Total workdays maintenance in 1993 were 835.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.

Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	PUGET SOUND NAVAL SHIPYARD N00251
Facility or Equipment Nomenclature or Title	PORTAL CRANE #75

1. State the primary purpose(s) of the facility/equipment.

Support refueling/defueling; general pierside drydock support.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Moveable.

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.
Replacement Value = $ 10,000,000

4. Provide the gross weight and cube of the facility/equipment.
Gross Weight = 1,440,000 Cube = N/A

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

Requires 20' gage track designed for appropriate wheel loads.

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

NONE

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

None. Standard environmental controls for diesel engines.

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

Specially designed and manufactured, long-lead time product for specific applications. May not be readily relocatable without modification to the facility or equipment.

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PHOTO BEING FORWARDED WITH SEPARATE CERTIFICATION

Primary UIC: 00251

Facility or Equipment Nomenclature or Title: Portal Crane #75 , continued

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

Records do not indicate how crane was transported. Probably would be by rail or barge. Received in 1945.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Products: 1.1, submarine platform, 1.3, surface ship platform, 9.1 strategic.

Functions: Modernization, repair, retirement, maintenance.

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

Average crane run hours for one year - 4745.

12. Provide the projected utilization data out to FY 1997.

FY 95 4982
FY 96 5231
FY 97 5492

13. What is the approximate number of personnel used to operate the facility/equipment?

One

14. What is the approximate number of personnel needed to maintain the equipment?

During maintenance periods, the following comprise a typical maintenance team for this unit: Three engineers, two inspectors, one test director, one crane operator, two riggers, three mechanics, two electricians, two planner/ estimators.

Total workdays maintenance in 1993 were 862 .

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.

Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	PUGET SOUND NAVAL SHIPYARD N00251
Facility or Equipment Nomenclature or Title	PORTAL CRANE #76

1. State the primary purpose(s) of the facility/equipment.

Support refueling/defueling; general pierside drydock support.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Moveable.

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.
Replacement Value = $ 10,000,000

4. Provide the gross weight and cube of the facility/equipment.
Gross Weight = 1,576,000 Cube = N/A

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

Requires 20' gage track designed for appropriate wheel loads.

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

NONE

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

None. Standard environmental controls for diesel engines.

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

Specially designed and manufactured. Long-lead time product for specific applications. May not be readily relocatable without modification to facility and equipment.

PHOTO BEING FORWARDED WITH SEPARATE CERTIFICATION

Primary UIC: 00251

Facility or Equipment Nomenclature or Title: Portal Crane #76, continued

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

Records do not indicate how crane was transported. Probably by rail or barge. Received in 1966.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Products: 1.1, submarine platform, 1.3, surface ship platform, 9.1 strategic.

Functions: Modernization, repair, retirement, maintenance.

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

Average crane run hours for one year - 4749.

12. Provide the projected utilization data out to FY 1997.

FY 95 5223
FY 96 5746
FY 97 6320

13. What is the approximate number of personnel used to operate the facility/equipment?

One

14. What is the approximate number of personnel needed to maintain the equipment?

During maintenance periods, the following comprise a typical maintenance team for this unit: Three engineers, two inspectors, one test director, one crane operator, two riggers, three mechanics, two electricians, two planner/estimators.

Total workdays maintenance in 1993 were 314.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.

Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	PUGET SOUND NAVAL SHIPYARD N00251
Facility or Equipment Nomenclature or Title	PORTAL CRANE #78

1. State the primary purpose(s) of the facility/equipment.

General pierside and drydock support.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Moveable.

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.
Replacement Value = $ 10,000,000

4. Provide the gross weight and cube of the facility/equipment.
Gross Weight = 2,907,600 Cube = N/A

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

Requires 20' gage track designed for appropriate wheel loads.

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

NONE

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

None. Standard environmental controls for diesel engines.

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

Specially designed and manufactured, long-lead time product for specific applications. May not be readily relocatable without modification to facility or equipment.

PHOTO BEING FORWARDED WITH SEPARATE CERTIFICATION

Primary UIC: 00251

Facility or Equipment Nomenclature or Title: Portal Crane #78, continued

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

Crane was barged from construction site in California. Delivered in 1991.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Products: 1.1, submarine platform, 1.3, surface ship platform, 9.1 strategic.

Functions: Modernization, repair, retirement, maintenance.

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

Average crane run hours for one year - 3592. (few cranes put in service one year ago.)

12. Provide the projected utilization data out to FY 1997.

FY 95 3951
FY 96 4346
FY97 4780

13. What is the approximate number of personnel used to operate the facility/equipment?

One

14. What is the approximate number of personnel needed to maintain the equipment?

During maintenance periods, the following comprise a typical maintenance team for this unit: Three engineers, two inspectors, one test director, one crane operator, two riggers, three mechanics, two electricians, two planner/ estimators.

Total workdays maintenance in 1993 were 1,167.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.

Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	PUGET SOUND NAVAL SHIPYARD N00251
Facility or Equipment Nomenclature or Title	PORTAL CRANE #80

1. State the primary purpose(s) of the facility/equipment.

Support refueling/defueling; general pierside and drydock support.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Moveable.

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.
Replacement Value = $ 5,250,000

4. Provide the gross weight and cube of the facility/equipment.
Gross Weight = 1,322,000 Cube = N/A

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

Requires 20' gage track designed for appropriate wheel loads.

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

NONE

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

None. Standard environmental controls for diesel engines.

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

Specially designed and manufactured product for specific applications. May not be readily relocatable without modifications to facilities or equipment.

PHOTO BEING FORWARDED WITH SEPARATE CERTIFICATION

Primary UIC: 00251

Facility or Equipment Nomenclature or Title: Portal Crane #80, continued

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

Crane was barged from construction site on east coast. Delivered in 1990.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Products: 1.1, submarine platform, 1.3, surface ship platform, 9.1 strategic.

Functions: Modernization, repair, retirement, maintenance.

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

Average crane run hours for one year - 5060. (New cranes put in service one year ago.)

12. Provide the projected utilization data out to FY 1997.

FY 95 5566
FY 96 6122
FY 97 6734

13. What is the approximate number of personnel used to operate the facility/equipment?

One

14. What is the approximate number of personnel needed to maintain the equipment?

During maintenance periods, the following comprise a typical maintenance team for this unit: Three engineers, two inspectors, one test director, one crane operator, two riggers, three mechanics, two electricians, two planner/estimators.

Total workdays maintenance in 1993 were 461.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.

Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	PUGET SOUND NAVAL SHIPYARD N00251
Facility or Equipment Nomenclature or Title	PORTAL CRANE #81

1. State the primary purpose(s) of the facility/equipment.

Support refueling/defueling; general pierside and drydock support.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Moveable.

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.
Replacement Value = $ 5,250,000

4. Provide the gross weight and cube of the facility/equipment.
Gross Weight = 1,322,000 Cube = N/A

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

Requires 20' gage track designed for appropriate wheel loads.

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

NONE

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

None. Standard environmental control for diesel engines.

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

Specially designed and manufactured for specific applications. May not be readily relocatable without modifications to the facility or equipment.

Primary UIC: 00251

Facility or Equipment Nomenclature or Title: Portal Crane #81, continued

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

Crane was barged from construction site on east coast. Delivered in 1990.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Products: 1.1, submarine platform, 1.3, surface ship platform, 9.1 strategic.

Functions: Modernization, repair, retirement, maintenance.

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

Average crane run hours for one year - 5415. (New cranes put in service one year ago.)

12. Provide the projected utilization data out to FY 1997.

FY 95 5955
FY 96 6594
FY 97 7253

13. What is the approximate number of personnel used to operate the facility/equipment?

One

14. What is the approximate number of personnel needed to maintain the equipment?

During maintenance periods, the following comprise a typical maintenance team for this unit: Three engineers, two inspectors, one test director, one crane operator, two riggers, three mechanics, two electricians, two planner/ estimators.

Total workdays maintenance in 1993 were 446 .

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.

Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	PUGET SOUND NAVAL SHIPYARD N00251
Facility or Equipment Nomenclature or Title	20 MVA (2 EACH) PORTABLE SUBSTATION

1. State the primary purpose(s) of the facility/equipment.

Provide 4160 V shore power.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Moveable.

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.
Replacement Value = $ 800,000

4. Provide the gross weight and cube of the facility/equipment.
Gross Weight = 132,000 Cube = 2000

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

983 A (Max.) at 11,750 V

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

None.

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

None.

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

No. The Shipyard could not provide 4160 V shore power.

(continued next page)

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Primary UIC: 00251

Facility or Equipment Nomenclature or Title: 20 MVA, Portable Substation, continued

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

Substation #6 transported by rail in 1973. Substation #7 transported by rail in 1985.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Products: 1.1, submarine platform, 1.3, surface ship platform, 9.1 strategic.

Functions: Modernization, repair, retirement, maintenance.

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

Average use of substation at Pier B was approx. 48% of the time for 89-93.

12. Provide the projected utilization data out to FY 1997.

Same as historical utilization above.

13. What is the approximate number of personnel used to operate the facility/equipment?

None.

14. What is the approximate number of personnel needed to maintain the equipment?

During maintenance periods, the following comprise a typical maintenance team for this unit: Four electricians.

Total workdays maintenance in 1993 were 10 .

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.

Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	PUGET SOUND NAVAL SHIPYARD N00251
Facility or Equipment Nomenclature or Title	LOCOMOTIVES (5 EACH)

1. State the primary purpose(s) of the facility/equipment.

Shipyard rail service.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Portable.

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.
Replacement Value = $ 580,000

4. Provide the gross weight and cube of the facility/equipment.
Gross Weight = 60 - 85 Cube = N/A

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

None.

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

None.

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

None.

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

No. Locomotives are transportable by rail to other sites, however, replication would require a long lead time as locomotives with the short wheelbase required for short-radius turns in the Shipyard are not readily available.

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Primary UIC: 00251

Facility or Equipment Nomenclature or Title: Locomotives, continued

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

Two locomotives received in by rail in 1992. One locomotive received by rail in 1993. Two locomotives received by rail; dates unknown.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Products: 1.1, submarine platform, 1.3, surface ship platform, 9.1 strategic.

Functions: Modernization, repair, retirement, maintenance.

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

Average 2000 total locomotive hours per year.

12. Provide the projected utilization data out to FY 1997.

Average 2400 total locomotive hours per year.

13. What is the approximate number of personnel used to operate the facility/equipment?

Three

14. What is the approximate number of personnel needed to maintain the equipment?

During maintenance periods, the following comprise a typical maintenance team for this unit: Two mechanics.

Total workdays maintenance in 1993 were 61.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.

Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	PUGET SOUND NAVAL SHIPYARD N00251
Facility or Equipment Nomenclature or Title	5 TON SPS BRIDGE CRANE (ENCLOSURE) PENDANT CONTROL (35 TOTAL)

1. State the primary purpose(s) of the facility/equipment.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Class 3 plant property is relocatable.

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.
Replacement Value = $ 911,200

4. Provide the gross weight and cube of the facility/equipment.
Gross Weight = 10,000 lbs Cube = N/A

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

None.

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

Normal budgeting for yearly maintenance IAW NAVFAC P-307 and 7000 manual for SPS cranes.

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

Scan for radiation exposure.

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

None. Commercially available product.

PHOTO BEING FORWARDED WITH SEPARATE CERTIFICATION

Primary UIC: 00251

Facility or Equipment Nomenclature or Title: 5 Ton SP3 Bridge Crane, continued

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

Crane was transported by truck and assembled in 1989.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Products: 1.1, submarine platform, 1.3, surface ship platform, 9.1 strategic.

Functions: Modernization, repair, retirement, maintenance.

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

The unit of time is measure in days. The crane operates on a 364 day limit with an annual maintenance service.

12. Provide the projected utilization data out to FY 1997.

Same data as in question #11.

13. What is the approximate number of personnel used to operate the facility/equipment?

One

14. What is the approximate number of personnel needed to maintain the equipment?

During maintenance periods, the following comprise a typical maintenance team for this unit: One engineer, two inspectors, one test director, one crane operator, two mechanics, two electricians, and two planner & estimators.

Total workdays maintenance in 1993 were 143.7 .

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.

Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	PUGET SOUND NAVAL SHIPYARD N00251
Facility or Equipment Nomenclature or Title	10 TON SPS BRIDGE CRANE

1. State the primary purpose(s) of the facility/equipment.

Support nuclear and non-nuclear work.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Class 2 installed equipment plant property.

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.
Replacement Value = $ 580,000

4. Provide the gross weight and cube of the facility/equipment.
Gross Weight = 68,780 lbs Cube = N/A

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

None.

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

NONE

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

Scan for radiation exposure.

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

None. Commercially available product.

Primary UIC: 00251

Facility or Equipment Nomenclature or Title: 10 TON SPS BRIDGE CRANE, continued

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

Crane was transported by truck, assembled and installed in 1973.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Products: 1.1, submarine platform, 1.3, surface ship platform, 9.1 strategic.

Functions: Modernization, repair, retirement, maintenance.

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

The unit of measuring is days. The crane operates on a 364 day limit with an annual maintenance service.

12. Provide the projected utilization data out to FY 1997.

Same data as in question 11.

13. What is the approximate number of personnel used to operate the facility/equipment?

One

14. What is the approximate number of personnel needed to maintain the equipment?

During maintenance periods, the following comprise a typical maintenance team for this unit: One engineer, two inspectors, one test director, two mechanics, two electricians, and two planner & estimators.

Total workdays maintenance in 1993 were 78.5.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.

Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	PUGET SOUND NAVAL SHIPYARD N00251
Facility or Equipment Nomenclature or Title	15 TON SPS BRIDGE CRANE

1. State the primary purpose(s) of the facility/equipment.

Support nuclear and non-nuclear work.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Class 2 installed equipment plant property.

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.
Replacement Value = $ 580,000

4. Provide the gross weight and cube of the facility/equipment.
Gross Weight = 76,950 lbs Cube = N/A

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

None.

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

Normal budgeting for yearly maintenance IAW NAVFAC P-307 and 7000 manual for SPS cranes.

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

Scan for radiation exposure.

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

None. Commercially available product.

Primary UIC: 00251

Facility or Equipment Nomenclature or Title: 15 Ton SPB Bridge Crane, continued

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

Crane was transported by truck, assembled and installed in 1972.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Products: 1.1, submarine platform, 1.3, surface ship platform, 9.1 strategic.

Functions: Modernization, repair, retirement, maintenance.

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

The unit of measure is by days. The crane operates on a 364 day limit and then has an annual maintenance service.

12. Provide the projected utilization data out to FY 1997.

Same data as in question #11.

13. What is the approximate number of personnel used to operate the facility/equipment?

One person per shift.

14. What is the approximate number of personnel needed to maintain the equipment?

During maintenance periods, the following comprise a typical maintenance team for this unit: One engineer, two inspectors, one test director, two mechanics, two electricians, two planner estimators.

Total workdays maintenance in 1993 were 45.9 .

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.

Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	PUGET SOUND NAVAL SHIPYARD N00251
Facility or Equipment Nomenclature or Title	20 TON GPS BRIDGE CRANE

1. State the primary purpose(s) of the facility/equipment.

Support non-nuclear work.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Class 2 installed equipment plant property.

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.
Replacement Value = $ 610,000

4. Provide the gross weight and cube of the facility/equipment.
Gross Weight = 94,000 lbs Cube = N/A

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

None.

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

Normal budgeting for yearly maintenance IAW NAVFAC P-307 for GPS cranes.

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

None.

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

None. Commercially available product.

Primary UIC: 00251

Facility or Equipment Nomenclature or Title: 20 Ton GPS Bridge Crane, continued

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

Crane was transported by truck, assembled and installed in 1943.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

The unit of measuring is days. The crane operates on a 364 day limit with an annual maintenance service.

12. Provide the projected utilization data out to FY 1997.

Same data as question #11.

13. What is the approximate number of personnel used to operate the facility/equipment?

One person per shift.

14. What is the approximate number of personnel needed to maintain the equipment?

During maintenance periods, the following comprise a typical maintenance team for this unit: One engineer, two inspectors, one test director, two mechanics, two electricians, one operator, two planner estimators.

Total workdays maintenance in 1993 were 105.9.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.

Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	PUGET SOUND NAVAL SHIPYARD N00251
Facility or Equipment Nomenclature or Title	25 TON SPS BRIDGE CRANE

1. State the primary purpose(s) of the facility/equipment.

Support nuclear and non-nuclear work.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Class 2 installed equipment plant property.

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.
Replacement Value = $ 510,000

4. Provide the gross weight and cube of the facility/equipment.
Gross Weight = 123,430 lbs Cube = N/A

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

None.

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

Normal budgeting for yearly maintenance IAW NAVFAC P-307 and 7000 manual for SPS cranes.

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

Scan for radiation exposure.

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

None. Commercially available product.

Primary UIC: 00251

Facility or Equipment Nomenclature or Title: 25 Ton SPS Bridge Crane, continued

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

Crane was transported by truck, assembled and installed in 1969.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

The unit of measuring is days. The crane operates on a 364 day limit with an annual maintenance service.

12. Provide the projected utilization data out to FY 1997.

Same data as question #11.

13. What is the approximate number of personnel used to operate the facility/equipment?

One person per shift.

14. What is the approximate number of personnel needed to maintain the equipment?

During maintenance periods, the following comprise a typical maintenance team for this unit: One engineer, two inspectors, one test director, one operator, two mechanics, two electricians, two planner estimators.

Total workdays maintenance in 1993 were 31.9 .

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.

Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	PUGET SOUND NAVAL SHIPYARD N00251
Facility or Equipment Nomenclature or Title	30 TON GPS BRIDGE CRANE

1. State the primary purpose(s) of the facility/equipment.

Support NonNuclear work.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Class 2 installed equipment plant property.

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.
Replacement Value = $ 650,000

4. Provide the gross weight and cube of the facility/equipment.
Gross Weight = 98,265 Cube = N/A

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

NONE

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

NONE

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

NONE

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

NONE. Commercially available product.

Primary UIC: 00251

Facility or Equipment Nomenclature or Title: 30 Ton GPS Bridge Crane, continued

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

Crane was transported by truck, assembled and installed in 1992.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

The unit of measuring is days. The crane operates on a 364 day limit with an annual maintenance service.

12. Provide the projected utilization data out to FY 1997.

Same data as in question #11.

13. What is the approximate number of personnel used to operate the facility/equipment?

One person per shift.

14. What is the approximate number of personnel needed to maintain the equipment?

During maintenance periods, the following comprise a typical maintenance team for this unit: One engineer, two inspectors, one test director, two mechanics, one operator, two electricians, two planner estimators.

Total workdays maintenance in 1993 were 150.5 .

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.

Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	PUGET SOUND NAVAL SHIPYARD N00251
Facility or Equipment Nomenclature or Title	40 TON SPS BRIDGE CRANE (Quantity: 5)

1. State the primary purpose(s) of the facility/equipment.

Support nuclear and non-nuclear work.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Class 2 installed equipment plant property.

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.
Replacement Value = $ 700,000

4. Provide the gross weight and cube of the facility/equipment.
Gross Weight = 156,000 lbs Cube = N/A

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

None.

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

Normal budgeting for yearly maintenance IAW NAVFAC P-307 and 7000 manual for SPS cranes.

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

Scan for radiation exposure.

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

None. Commercially available product.

Primary UIC: 00251

Facility or Equipment Nomenclature or Title: **40 Ton SP3 Bridge Crane, continued**

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

Crane was transported by truck, assembled and installed in 1971.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

The unit of measuring is days. The crane operates on a 364 day limit with an annual maintenance service.

12. Provide the projected utilization data out to FY 1997.

Same data as in question #11.

13. What is the approximate number of personnel used to operate the facility/equipment?

One person per shift.

14. What is the approximate number of personnel needed to maintain the equipment?

During maintenance periods, the following comprise a typical maintenance team for this unit: One engineer, two inspectors, one test director, two mechanics, two electricians, one operator, two planner estimators.

Total workdays maintenance in 1993 were 60.3.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.

Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	PUGET SOUND NAVAL SHIPYARD N00251
Facility or Equipment Nomenclature or Title	50 TON SPS BRIDGE CRANE

1. State the primary purpose(s) of the facility/equipment.

Support Nuclear and NonNuclear work.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Class 2 installed equipment plant property.

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.
Replacement Value = $ 850,000

4. Provide the gross weight and cube of the facility/equipment.
Gross Weight = 175,650 Cube = N/A

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

NONE

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

NONE

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

Scan for radiation exposure.

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

NONE. Commercially available product.

Primary UIC: 00251

Facility or Equipment Nomenclature or Title: 50 Ton SPS Bridge Crane , **continued**

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

Crane was transported by truck, assembled and installed in 1972.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

The unit of measuring is days. The crane operates on a 364 day limit with an annual maintenance service.

12. Provide the projected utilization data out to FY 1997.

Same data as in question #11.

13. What is the approximate number of personnel used to operate the facility/equipment?

One person per shift.

14. What is the approximate number of personnel needed to maintain the equipment?

During maintenance periods, the following comprise a typical maintenance team for this unit: One engineer, two inspectors, one test director, two mechanics, two electricians, one operator, two planner estimators.

Total workdays maintenance in 1993 were 190.1 .

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.

Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	PUGET SOUND NAVAL SHIPYARD N00251
Facility or Equipment Nomenclature or Title	60 TON GPS BRIDGE CRANE

1. State the primary purpose(s) of the facility/equipment.

Support non-nuclear work.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Class 2 installed equipment plant property.

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.
Replacement Value = $ 800,000

4. Provide the gross weight and cube of the facility/equipment.
Gross Weight = 250,000 lbs Cube = N/A

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

None.

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

Normal budgeting for yearly maintenance IAW NAVFAC P-307 for GPS cranes.

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

None.

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

None. Commercially available product.

Primary UIC: 00251

Facility or Equipment Nomenclature or Title: 60 TON GPS BRIDGE CRANE, **continued**

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

Crane was transported by truck. Assembled and Installed in 1941.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

The unit of measuring is days. The crane operates on a 364 day limit with an annual maintenance service.

12. Provide the projected utilization data out to FY 1997.

Same data as in question 11.

13. What is the approximate number of personnel used to operate the facility/equipment?

One

14. What is the approximate number of personnel needed to maintain the equipment?

During maintenance periods, the following comprise a typical maintenance team for this unit: One engineer, two inspectors, one test director, two mechanics, two electricians, one operator, and two planner & estimators.

Total workdays maintenance in 1993 were 57.5 .

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.

Primary UIC: 00251

FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	NAVSHIPYD PUGET SOUND
Facility or Equipment Nomenclature or Title	75 TON SPS BRIDGE CRANE

1. State the primary purpose(s) of the facility/equipment.

Support nuclear and non-nuclear work.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Class 2 installed equipment plant property.

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.
Replacement Value = $ 850,000

4. Provide the gross weight and cube of the facility/equipment.
Gross Weight = 250,340 lbs Cube = N/A

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

NONE

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

NONE

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

Scan for radiation exposure.

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

None. Commercially available product.

Primary UIC: 00251

Facility or Equipment Nomenclature or Title: 75 Ton SPS Bridge Crane, continued

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

Crane was transported by truck, assembled and installed in 1972.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Products: 1.1, submarine platform, 1.3, surface ship platform, 9.1 strategic.

Functions: Modernization, repair, retirement, maintenance.

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

The unit of measuring is days. The crane operates on a 364 day limit with an annual maintenance service.

12. Provide the projected utilization data out to FY 1997.

Same data as in question 11.

13. What is the approximate number of personnel used to operate the facility/equipment?

One

14. What is the approximate number of personnel needed to maintain the equipment?

During maintenance periods, the following comprise a typical maintenance team for this unit: One engineer, two inspectors, one test director, two mechanics, two electricians, one operator, and two planner & estimators.

Total workdays maintenance in 1993 were 45.1 .

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.

Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	PUGET SOUND NAVAL SHIPYARD N00251
Facility or Equipment Nomenclature or Title	250 TON SPS BRIDGE CRANE

1. State the primary purpose(s) of the facility/equipment.

Support nuclear and non-nuclear work.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Class 2 installed equipment plant property.

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.
Replacement Value = $ 1,650,000

4. Provide the gross weight and cube of the facility/equipment.
Gross Weight = 750,000 lbs Cube = N/A

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

NONE

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

NONE

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

Scan for radiation exposure.

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

None. Commercially available product.

Primary UIC: 00251

Facility or Equipment Nomenclature or Title: 250 Ton SPS Bridge Crane, continued

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

Crane was transported by truck, assembled and installed in 1983.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. [Refer to Appendix A for the list of functional support areas.]

Products: 1.1, submarine platform, 1.3, surface ship platform, 9.1 strategic.

Functions: Modernization, repair, retirement, maintenance.

11. Provide the historical utilization average for the past five fiscal years (FY 1989-1993). Define the unit of measure used.

The unit of measure is days. The crane operates on a 364 day limit with an annual maintenance service.

12. Provide the projected utilization data out to FY 1997.

Same data as in question #11.

13. What is the approximate number of personnel used to operate the facility/equipment?

One

14. What is the approximate number of personnel needed to maintain the equipment?

During maintenance periods, the following comprise a typical maintenance team for this unit: One engineer, two inspectors, one test director, two mechanics, two electricians, one operator, and two planner & estimators.

Total workdays maintenance in 1993 were 83.6 .

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.

Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITY/EQUIPMENT CAPABILITY FORM

Activity Name:	**Puget Sound Naval Shipyard (N00251)**
Equipment Nomenclature NID Number	**LATHE, TURRET, CNC** **N00111-316267**

1. Primary purpose(s) of the equipment:
   Machining various machinery components

2. The equipment is: _ Portable x Moveable _ Fixed

3. Replacement cost (excludes building and utilities): $ 966,308

4. Equipment: Gross Weight 36,000 lbs. Size 9'L x 10'W x 10'H

5. Utilities required: x Electrical power (240/480 VAC, 3 Phase, 60 Hz)
   _ Compressed air _ Potable water _ Steam
   _ Fuel oil _ Compressed gas

6. Special x foundation / _ shielding required.
   Estimated cost: $ 10,000 (Included in #3, above)

7. Environmental control(s) required: **None**

8. Feasibility to relocate/replicate at another site (fixed asset, only):
   X Relocatable _ Extremely difficult _ Impossible

9. The equipment was installed at the present site in 1959.
   Constructed: _ On site _ In Shipyard and moved to site
   Purchased/Shipped: _ Fully assembled x Broken down for transport
   Transported to site via: x Truck _ Rail _ Barge x Crane

10. The equipment supports:
    Products:
    - x 1.1 Undersea
    - x 1.3 Surface Ship
    - _ 2.1 Gun Systems
    - _ 2.2 Guided Missiles
    - _ 2.8 Launchers
    - _ 2.9 Fire Control
    - _ 3. Combat Systems
    - _ 5.1 Sonar
    - _ 5.2 Radar
    - _ 6.1 & 6.3 Navigation
    - _ 7.1 & 7.3 C^3I
    - x 9.1 Strategic Systems
    - _ 10.6 Crew equipment

    Functions: x Modernization x Repair
    _ Retirement _ Testing

11. Historical utilization - average hours - past five fiscal years:
    FY 89 1,040 FY 90 1,040 FY 91 1,040 FY 92 1,040 FY 93 1,040

12. Projected utilization - average hours - to FY 97:
    FY 94 1,040 FY 95 1,040 FY 96 1,040 FY 97 1,040

13. Approximate number of personnel required to operate the equipment: 2

14. Approximate number of manhours required to maintain the equipment: 20

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Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITY/EQUIPMENT CAPABILITY FORM

Activity Name:	**Puget Sound Naval Shipyard (N00251)**
Equipment Nomenclature NID Number	**ROLLS, PLATE BENDING** **N00151-040523**

1. Primary purpose(s) of the equipment:
   Bending/rolling steel plate

2. The equipment is: _ Portable x Moveable _ Fixed

3. Replacement cost (excludes building and utilities): $1,120,000

4. Equipment: Gross Weight 250,000 lbs. Size 52'L x 14'W x 8'H

5. Utilities required: x Electrical power (240/480 VAC, 3 Phase, 60 Hz)
   _ Compressed air _ Potable water _ Steam
   _ Fuel oil _ Compressed gas

6. Special x foundation / _ shielding required.
   Estimated cost: $ 50,000 (Included in #3, above)

7. Environmental control(s) required: **None**

8. Feasibility to relocate/replicate at another site (fixed asset, only):
   x Relocatable _ Extremely difficult _ Impossible

9. The equipment was installed at the present site in 1953.
   Constructed: _ On site _ In Shipyard and moved to site
   Purchased/Shipped: _ Fully assembled x Broken down for transport
   Transported to site via: x Truck _ Rail _ Barge x Crane

10. The equipment supports:
    Products:
    x 1.1 Undersea
    x 1.3 Surface Ship
    _ 2.1 Gun Systems
    _ 2.2 Guided Missiles
    _ 2.8 Launchers
    _ 2.9 Fire Control
    _ 3. Combat Systems
    _ 5.1 Sonar
    _ 5.2 Radar
    _ 6.1 & 6.3 Navigation
    _ 7.1 & 7.3 C^3I
    x 9.1 Strategic Systems
    _ 10.6 Crew equipment

    Functions: x Modernization x Repair
    _ Retirement _ Testing

11. Historical utilization - average hours - past five fiscal years:
    FY 89 80 FY 90 80 FY 91 80 FY 92 80 FY 93 80

12. Projected utilization - average hours - to FY 97:
    FY 94 80 FY 95 80 FY 96 80 FY 97 80

13. Approximate number of personnel required to operate the equipment: 2 - 3

14. Approximate number of manhours required to maintain the equipment: 8

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Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITY/EQUIPMENT CAPABILITY FORM

Activity Name:	**Puget Sound Naval Shipyard (N00251)**
Equipment Nomenclature NID Number	**LATHE, ENGINE, NC** **N00221-054830**

1. Primary purpose(s) of the equipment:
   Machining various mechanical parts

2. The equipment is: _ Portable **x** Moveable _ Fixed

3. Replacement cost (excludes building and utilities): $ **502,329**

4. Equipment: Gross Weight **35,780** lbs. Size **32**'L x **16**'W x **8**'H

5. Utilities required: **x** Electrical power (**230** VAC, **3** Phase, 60 Hz)
   _ Compressed air _ Potable water _ Steam
   _ Fuel oil _ Compressed gas

6. Special **x** foundation / _ shielding required.
   Estimated cost: $ **25,000** (Included in #3, above)

7. Environmental control(s) required: **None**

8. Feasibility to relocate/replicate at another site (fixed asset, only):
   X Relocatable _ Extremely difficult _ Impossible

9. The equipment was installed at the present site in 1988.
   Constructed: _ On site _ In Shipyard and moved to site
   Purchased/Shipped: _ Fully assembled **x** Broken down for transport
   Transported to site via: **x** Truck _ Rail _ Barge **x** Crane

10. The equipment supports:
    Products:
    - **x** 1.1 Undersea
    - **x** 1.3 Surface Ship
    - _ 2.1 Gun Systems
    - _ 2.2 Guided Missiles
    - _ 2.8 Launchers
    - _ 2.9 Fire Control
    - _ 3. Combat Systems
    - _ 5.1 Sonar
    - _ 5.2 Radar
    - _ 6.1 & 6.3 Navigation
    - _ 7.1 & 7.3 C^3I
    - **x** 9.1 Strategic Systems
    - _ 10.6 Crew equipment

    Functions: **x** Modernization **x** Repair
    _ Retirement _ Testing

11. Historical utilization - average hours - past five fiscal years:
    FY 89 **40** FY 90 **40** FY 91 **40** FY 92 **40** FY 93 **40**

12. Projected utilization - average hours - to FY 97:
    FY 94 **40** FY 95 **40** FY 96 **40** FY 97 **40**

13. Approximate number of personnel required to operate the equipment: **1**

14. Approximate number of manhours required to maintain the equipment: **4**

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Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITY/EQUIPMENT CAPABILITY FORM

Activity Name:	**Puget Sound Naval Shipyard (N00251)**
Equipment Nomenclature NID Number	**PRESS, C-FRAME, 1,000 TON CAPACITY** **N00251-000865**

1. Primary purpose(s) of the equipment:
   Straightening/forming structural shapes

2. The equipment is: _ Portable x Moveable _ Fixed

3. Replacement cost (excludes building and utilities): $1,000,000

4. Equipment: Gross Weight 243,000 lbs. Size 14'L x 14'W x 25'H

5. Utilities required: x Electrical power (220/440 VAC, 3 Phase, 60 Hz)
   _ Compressed air _ Potable water _ Steam
   _ Fuel oil _ Compressed gas

6. Special x foundation / _ shielding required.
   Estimated cost: $100,000 (Included in #3, above)

7. Environmental control(s) required: None

8. Feasibility to relocate/replicate at another site (fixed asset, only):
   X Relocatable _ Extremely difficult _ Impossible

9. The equipment was installed at the present site in 1944.
   Constructed: _ On site _ In Shipyard and moved to site
   Purchased/Shipped: _ Fully assembled x Broken down for transport
   Transported to site via: x Truck _ Rail _ Barge x Crane

10. The equipment supports:
    Products:
    - x 1.1 Undersea
    - x 1.3 Surface Ship
    - _ 2.1 Gun Systems
    - _ 2.2 Guided Missiles
    - _ 2.8 Launchers
    - _ 2.9 Fire Control
    - _ 3. Combat Systems
    - _ 5.1 Sonar
    - _ 5.2 Radar
    - _ 6.1 & 6.3 Navigation
    - _ 7.1 & 7.3 C^3I
    - x 9.1 Strategic Systems
    - _ 10.6 Crew equipment

    Functions: x Modernization x Repair
    _ Retirement _ Testing

11. Historical utilization - average hours - past five fiscal years:
    FY 89 40 FY 90 40 FY 91 40 FY 92 40 FY 93 40

12. Projected utilization - average hours - to FY 97:
    FY 94 40 FY 95 40 FY 96 40 FY 97 40

13. Approximate number of personnel required to operate the equipment: 1

14. Approximate number of manhours required to maintain the equipment: 40

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Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITY/EQUIPMENT CAPABILITY FORM

Activity Name:	**Puget Sound Naval Shipyard (N00251)**
Equipment Nomenclature NID Number	**LATHE, ENGINE, SHAFT** **N00251-006310**

1. Primary purpose(s) of the equipment:
   Machine propeller shafts

2. The equipment is: _ Portable x Moveable _ Fixed

3. Replacement cost (excludes building and utilities): $2,800,000

4. Equipment: Gross Weight 250,000 lbs. Size 90'L x 10'W x 7'H

5. Utilities required: x Electrical power (220/440 VAC, 3 Phase, 60 Hz)
   _ Compressed air _ Potable water _ Steam
   _ Fuel oil _ Compressed gas

6. Special x foundation / _ shielding required.
   Estimated cost: $200,000 (Included in #3, above)

7. Environmental control(s) required: **None**

8. Feasibility to relocate/replicate at another site (fixed asset, only):
   x Relocatable _ Extremely difficult _ Impossible

9. The equipment was installed at the present site in 1943.
   Constructed: _ On site _ In Shipyard and moved to site
   Purchased/Shipped: _ Fully assembled x Broken down for transport
   Transported to site via: x Truck _ Rail _ Barge x Crane

10. The equipment supports:
    Products:
    - x 1.1 Undersea
    - x 1.3 Surface Ship
    - _ 2.1 Gun Systems
    - _ 2.2 Guided Missiles
    - _ 2.8 Launchers
    - _ 2.9 Fire Control
    - _ 3. Combat Systems
    - _ 5.1 Sonar
    - _ 5.2 Radar
    - _ 6.1 & 6.3 Navigation
    - _ 7.1 & 7.3 C^3I
    - x 9.1 Strategic Systems
    - _ 10.6 Crew equipment

    Functions: x Modernization x Repair _ Retirement _ Testing

11. Historical utilization - average hours - past five fiscal years:
    FY 89 2,080 FY 90 2,080 FY 91 2,080 FY 92 2,080 FY 93 2,080

12. Projected utilization - average hours - to FY 97:
    FY 94 2,080 FY 95 2,080 FY 96 2,080 FY 97 2,080

13. Approximate number of personnel required to operate the equipment: 1

14. Approximate number of manhours required to maintain the equipment: 160

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Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITY/EQUIPMENT CAPABILITY FORM

Activity Name:	**Puget Sound Naval Shipyard (N00251)**
Equipment Nomenclature NID Number	**LATHE, BORING** **N00251-006374**

1. Primary purpose(s) of the equipment:
   Machining of propeller shafts

2. The equipment is: _ Portable x Moveable _ Fixed

3. Replacement cost (excludes building and utilities): $4,500,000

4. Equipment: Gross Weight 275,000 lbs. Size 158'L x 15'W x 7'H

5. Utilities required: x Electrical power (230/460 VAC, 3 Phase, 60 Hz)
   _ Compressed air _ Potable water _ Steam
   _ Fuel oil _ Compressed gas

6. Special x foundation / _ shielding required.
   Estimated cost: $250,000 (Included in #3, above)

7. Environmental control(s) required: **None**

8. Feasibility to relocate/replicate at another site (fixed asset, only):
   X Relocatable _ Extremely difficult _ Impossible

9. The equipment was installed at the present site in 1943.
   Constructed: _ On site _ In Shipyard and moved to site
   Purchased/Shipped: _ Fully assembled x Broken down for transport
   Transported to site via: x Truck _ Rail _ Barge x Crane

10. The equipment supports:
    Products:
    - x 1.1 Undersea
    - x 1.3 Surface Ship
    - _ 2.1 Gun Systems
    - _ 2.2 Guided Missiles
    - _ 2.8 Launchers
    - _ 2.9 Fire Control
    - _ 3. Combat Systems
    - _ 5.1 Sonar
    - _ 5.2 Radar
    - _ 6.1 & 6.3 Navigation
    - _ 7.1 & 7.3 C^3I
    - x 9.1 Strategic Systems
    - _ 10.6 Crew equipment

    Functions: x Modernization x Repair
    _ Retirement _ Testing

11. Historical utilization - average hours - past five fiscal years:
    FY 89 2,080 FY 90 2,080 FY 91 2,080 FY 92 2,080 FY 93 2,080

12. Projected utilization - average hours - to FY 97:
    FY 94 2,080 FY 95 2,080 FY 96 2,080 FY 97 2,080

13. Approximate number of personnel required to operate the equipment: 1

14. Approximate number of manhours required to maintain the equipment: 160

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Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITY/EQUIPMENT CAPABILITY FORM

Activity Name:	**Puget Sound Naval Shipyard (N00251)**
Equipment Nomenclature NID Number	**PIPE BENDER, 8" CAPACITY** **N00251-012161**

1. Primary purpose(s) of the equipment:
   Bending pipe for shipboard piping systems

2. The equipment is: _ Portable **x** Moveable _ Fixed

3. Replacement cost (excludes building and utilities): $ **520,000**

4. Equipment: Gross Weight **35,000(e)** lbs. Size **24**'L x **8**'W x **6**'H

5. Utilities required: **X** Electrical power (**220/440** VAC, **3** Phase, 60 Hz)
   _ Compressed air _ Potable water _ Steam
   _ Fuel oil _ Compressed gas

6. Special **x** foundation / _ shielding required.
   Estimated cost: $ **5,000** (Included in #3, above)

7. Environmental control(s) required: **None**

8. Feasibility to relocate/replicate at another site (fixed asset, only):
   X Relocatable _ Extremely difficult _ Impossible

9. The equipment was installed at the present site in 1**945**.
   Constructed: _ On site _ In Shipyard and moved to site
   Purchased/Shipped: **x** Fully assembled _ Broken down for transport
   Transported to site via: **x** Truck _ Rail _ Barge **x** Crane

10. The equipment supports:
    Products:
    - **x** 1.1 Undersea
    - **x** 1.3 Surface Ship
    - _ 2.1 Gun Systems
    - _ 2.2 Guided Missiles
    - _ 2.8 Launchers
    - _ 2.9 Fire Control
    - _ 3. Combat Systems
    - _ 5.1 Sonar
    - _ 5.2 Radar
    - _ 6.1 & 6.3 Navigation
    - _ 7.1 & 7.3 C^3I
    - **x** 9.1 Strategic Systems
    - _ 10.6 Crew equipment

    Functions: **x** Modernization **x** Repair
    _ Retirement _ Testing

11. Historical utilization - average hours - past five fiscal years:
    FY 89 **100** FY 90 **100** FY 91 **100** FY 92 **100** FY 93 **100**

12. Projected utilization - average hours - to FY 97:
    FY 94 **100** FY 95 **100** FY 96 **100** FY 97 **100**

13. Approximate number of personnel required to operate the equipment: **1 - 2**

14. Approximate number of manhours required to maintain the equipment: **20**

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Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITY/EQUIPMENT CAPABILITY FORM

Activity Name:	**Puget Sound Naval Shipyard (N00251)**
Equipment Nomenclature NID Number	**FURNACE, CARBON ARC, 10 TON CAPACITY** **N00251-017023**

1. Primary purpose(s) of the equipment:
   Melting metal for machine castings

2. The equipment is: _ Portable x Moveable _ Fixed

3. Replacement cost (excludes building and utilities): $1,000,000

4. Equipment: Gross Weight 80,000 lbs. Size 15'L x 15'W x 23'H

5. Utilities required: x Electrical power (2,300 & 230 VAC, 3 Phase, 60 Hz)
   _ Compressed air x Potable water _ Steam
   _ Fuel oil _ Compressed gas

6. Special x foundation / _ shielding required.
   Estimated cost: $ 80,000 (Included in #3, above)

7. Environmental control(s) required: **None**

8. Feasibility to relocate/replicate at another site (fixed asset, only):
   X Relocatable _ Extremely difficult _ Impossible

9. The equipment was installed at the present site in 1943.
   Constructed: _ On site _ In Shipyard and moved to site
   Purchased/Shipped: _ Fully assembled x Broken down for transport
   Transported to site via: x Truck _ Rail _ Barge x Crane

10. The equipment supports:
    Products:
    - x 1.1 Undersea
    - x 1.3 Surface Ship
    - _ 2.1 Gun Systems
    - _ 2.2 Guided Missiles
    - _ 2.8 Launchers
    - _ 2.9 Fire Control
    - _ 3. Combat Systems
    - _ 5.1 Sonar
    - _ 5.2 Radar
    - _ 6.1 & 6.3 Navigation
    - _ 7.1 & 7.3 C^3I
    - x 9.1 Strategic Systems
    - _ 10.6 Crew equipment

    Functions: x Modernization x Repair
    _ Retirement _ Testing

11. Historical utilization - average hours - past five fiscal years:
    FY 89 2,200 FY 90 2,200 FY 91 2,200 FY 92 2,200 FY 93 2,200

12. Projected utilization - average hours - to FY 97:
    FY 94 3,200 FY 95 3,200 FY 96 3,200 FY 97 3,200

13. Approximate number of personnel required to operate the equipment: 2

14. Approximate number of manhours required to maintain the equipment: 500

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Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITY/EQUIPMENT CAPABILITY FORM

Activity Name:	**Puget Sound Naval Shipyard (N00251)**
Equipment Nomenclature NID Number	**FURNACE, CARBON ARC, 5 TON CAPACITY** **N00251-017024**

1. Primary purpose(s) of the equipment:
   Melting metal for machine castings

2. The equipment is: _ Portable x Moveable _ Fixed

3. Replacement cost (excludes building and utilities): $ 700,000

4. Equipment: Gross Weight 40,000 lbs. Size 12'L x 12'W x 20'H

5. Utilities required: x Electrical power (2,300 & 230 VAC, 3 Phase, 60 Hz)
   _ Compressed air x Potable water _ Steam
   _ Fuel oil _ Compressed gas

6. Special x foundation / _ shielding required.
   Estimated cost: $ 60,000 (Included in #3, above)

7. Environmental control(s) required: **None**

8. Feasibility to relocate/replicate at another site (fixed asset, only):
   X Relocatable _ Extremely difficult _ Impossible

9. The equipment was installed at the present site in 1941.
   Constructed: _ On site _ In Shipyard and moved to site
   Purchased/Shipped: _ Fully assembled x Broken down for transport
   Transported to site via: x Truck _ Rail _ Barge x Crane

10. The equipment supports:
    Products:
    x 1.1 Undersea
    x 1.3 Surface Ship
    _ 2.1 Gun Systems
    _ 2.2 Guided Missiles
    _ 2.8 Launchers
    _ 2.9 Fire Control
    _ 3. Combat Systems
    _ 5.1 Sonar
    _ 5.2 Radar
    _ 6.1 & 6.3 Navigation
    _ 7.1 & 7.3 C^3I
    x 9.1 Strategic Systems
    _ 10.6 Crew equipment

    Functions: x Modernization x Repair
    x Retirement _ Testing

11. Historical utilization - average hours - past five fiscal years:
    FY 89 500 FY 90 500 FY 91 500 FY 92 500 FY 93 500

12. Projected utilization - average hours - to FY 97:
    FY 94 500 FY 95 500 FY 96 500 FY 97 500

13. Approximate number of personnel required to operate the equipment: 2

14. Approximate number of manhours required to maintain the equipment: 200

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Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITY/EQUIPMENT CAPABILITY FORM

Activity Name:	**Puget Sound Naval Shipyard (N00251)**
Equipment Nomenclature NID Number	**CUTTING MACHINE, GAS** **N00251-018130**

1. Primary purpose(s) of the equipment:
   Cutting steel plate into structural shapes

2. The equipment is: _ Portable x Moveable _ Fixed

3. Replacement cost (excludes building and utilities): $ 512,971

4. Equipment: Gross Weight 50,000 lbs. Size 50'L x 40'W x 8'H

5. Utilities required: x Electrical power (220 VAC, 3 Phase, 60 Hz)
   _ Compressed air _ Potable water _ Steam
   _ Fuel oil x Compressed gas

6. Special x foundation / _ shielding required.
   Estimated cost: $ 75,000 (Included in #3, above)

7. Environmental control(s) required: **None**

8. Feasibility to relocate/replicate at another site (fixed asset, only):
   X Relocatable _ Extremely difficult _ Impossible

9. The equipment was installed at the present site in 1961.
   Constructed: _ On site _ In Shipyard and moved to site
   Purchased/Shipped: _ Fully assembled x Broken down for transport
   Transported to site via: x Truck _ Rail _ Barge x Crane

10. The equipment supports:

Products:	
x 1.1 Undersea	_ 5.1 Sonar
x 1.3 Surface Ship	_ 5.2 Radar
_ 2.1 Gun Systems	_ 6.1 & 6.3 Navigation
_ 2.2 Guided Missiles	_ 7.1 & 7.3 C^3I
_ 2.8 Launchers	x 9.1 Strategic Systems
_ 2.9 Fire Control	
_ 3. Combat Systems	_ 10.6 Crew equipment

Functions: x Modernization x Repair
x Retirement _ Testing

11. Historical utilization - average hours - past five fiscal years:
    FY 89 1,248 FY 90 1,248 FY 91 1,248 FY 92 1,248 FY 93 1,248

12. Projected utilization - average hours - to FY 97:
    FY 94 1,248 FY 95 1,248 FY 96 1,248 FY 97 1,248

13. Approximate number of personnel required to operate the equipment: 1

14. Approximate number of manhours required to maintain the equipment: 240

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Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITY/EQUIPMENT CAPABILITY FORM

Activity Name:	**Puget Sound Naval Shipyard (N00251)**
Equipment Nomenclature NID Number	**PIPE BENDER, 14" CAPACITY** **N00251-019871**

1. Primary purpose(s) of the equipment:
   Bending large pipe for shipboard piping systems

2. The equipment is: _ Portable x Moveable _ Fixed

3. Replacement cost (excludes building and utilities): $ 750,000

4. Equipment: Gross Weight 50,000(e) lbs. Size 28'L x 9'W x 7'H

5. Utilities required: x Electrical power (220/440 VAC, 3 Phase, 60 Hz)
   _ Compressed air _ Potable water _ Steam
   _ Fuel oil _ Compressed gas

6. Special x foundation / _ shielding required.
   Estimated cost: $ 25,000 (Included in #3, above)

7. Environmental control(s) required: **None**

8. Feasibility to relocate/replicate at another site (fixed asset, only):
   X Relocatable _ Extremely difficult _ Impossible

9. The equipment was installed at the present site in 1963.
   Constructed: _ On site _ In Shipyard and moved to site
   Purchased/Shipped: x Fully assembled _ Broken down for transport
   Transported to site via: x Truck _ Rail _ Barge x Crane

10. The equipment supports:
    Products:
    - x 1.1 Undersea
    - x 1.3 Surface Ship
    - _ 2.1 Gun Systems
    - _ 2.2 Guided Missiles
    - _ 2.8 Launchers
    - _ 2.9 Fire Control
    - _ 3. Combat Systems
    - _ 5.1 Sonar
    - _ 5.2 Radar
    - _ 6.1 & 6.3 Navigation
    - _ 7.1 & 7.3 C^3I
    - x 9.1 Strategic Systems
    - _ 10.6 Crew equipment

    Functions: x Modernization x Repair
    _ Retirement _ Testing

11. Historical utilization - average hours - past five fiscal years:
    FY 89 50 FY 90 50 FY 91 50 FY 92 50 FY 93 50

12. Projected utilization - average hours - to FY 97:
    FY 94 50 FY 95 50 FY 96 50 FY 97 50

13. Approximate number of personnel required to operate the equipment: 1 - 2

14. Approximate number of manhours required to maintain the equipment: 40

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Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITY/EQUIPMENT CAPABILITY FORM

Activity Name:	**Puget Sound Naval Shipyard (N00251)**
Equipment Nomenclature NID Number	**FURNACE, HEAT TREATING** **N00251-023184**

1. Primary purpose(s) of the equipment:
   Heat treating/stress relieving large forgings

2. The equipment is: _ Portable x Moveable _ Fixed

3. Replacement cost (excludes building and utilities): $ 850,000

4. Equipment: Gross Weight 150,000 lbs. Size 32'L x 16'W x 15'H

5. Utilities required: x Electrical power (460 VAC, 3 Phase, 60 Hz)
   _ Compressed air _ Potable water _ Steam
   _ Fuel oil _ Compressed gas

6. Special x foundation / _ shielding required.
   Estimated cost: $ 80,000 (Included in #3, above)

7. Environmental control(s) required: **None**

8. Feasibility to relocate/replicate at another site (fixed asset, only):
   X Relocatable _ Extremely difficult _ Impossible

9. The equipment was installed at the present site in 1936. **(Rebuilt 1989)**
   Constructed: _ On site _ In Shipyard and moved to site
   Purchased/Shipped: _ Fully assembled x Broken down for transport
   Transported to site via: x Truck _ Rail _ Barge x Crane

10. The equipment supports:
    Products:
    - x 1.1 Undersea
    - x 1.3 Surface Ship
    - _ 2.1 Gun Systems
    - _ 2.2 Guided Missiles
    - _ 2.8 Launchers
    - _ 2.9 Fire Control
    - _ 3. Combat Systems
    - _ 5.1 Sonar
    - _ 5.2 Radar
    - _ 6.1 & 6.3 Navigation
    - _ 7.1 & 7.3 C^3I
    - x 9.1 Strategic Systems
    - _ 10.6 Crew equipment

    Functions: x Modernization x Repair _ Retirement _ Testing

11. Historical utilization - average hours - past five fiscal years:
    FY 89 300 FY 90 300 FY 91 300 FY 92 300 FY 93 300

12. Projected utilization - average hours - to FY 97:
    FY 94 300 FY 95 300 FY 96 300 FY 97 300

13. Approximate number of personnel required to operate the equipment: 1

14. Approximate number of manhours required to maintain the equipment: 40

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Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITY/EQUIPMENT CAPABILITY FORM

Activity Name:	**Puget Sound Naval Shipyard (N00251)**
Equipment Nomenclature NID Number	**MILL, BORING & TURNING** **N00251-024838**

1. Primary purpose(s) of the equipment:
   Machining of large mechanical components

2. The equipment is: _ Portable **x** Moveable _ Fixed

3. Replacement cost (excludes building and utilities): $**1,837,261**

4. Equipment: Gross Weight **567,420** lbs. Size **20**'L x **30**'W x **24**'H

5. Utilities required: **x** Electrical power (**230/460** VAC, **3** Phase, 60 Hz)
   _ Compressed air _ Potable water _ Steam
   _ Fuel oil _ Compressed gas

6. Special **x** foundation / _ shielding required.
   Estimated cost: $**175,000** (Included in #3, above)

7. Environmental control(s) required: **None**

8. Feasibility to relocate/replicate at another site (fixed asset, only):
   X Relocatable _ Extremely difficult _ Impossible

9. The equipment was installed at the present site in 1967.
   Constructed: _ On site _ In Shipyard and moved to site
   Purchased/Shipped: _ Fully assembled **x** Broken down for transport
   Transported to site via: **x** Truck _ Rail _ Barge **x** Crane

10. The equipment supports:
    Products:
    x 1.1 Undersea
    x 1.3 Surface Ship
    _ 2.1 Gun Systems
    _ 2.2 Guided Missiles
    _ 2.8 Launchers
    _ 2.9 Fire Control
    _ 3. Combat Systems
    _ 5.1 Sonar
    _ 5.2 Radar
    _ 6.1 & 6.3 Navigation
    _ 7.1 & 7.3 C^3I
    x 9.1 Strategic Systems
    _ 10.6 Crew equipment

    Functions: **x** Modernization **x** Repair
    _ Retirement _ Testing

11. Historical utilization - average hours - past five fiscal years:
    FY 89 **80** FY 90 **80** FY 91 **80** FY 92 **80** FY 93 **80**

12. Projected utilization - average hours - to FY 97:
    FY 94 **80** FY 95 **80** FY 96 **80** FY 97 **80**

13. Approximate number of personnel required to operate the equipment: **1**

14. Approximate number of manhours required to maintain the equipment: **20**

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Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITY/EQUIPMENT CAPABILITY FORM

Activity Name:	**Puget Sound Naval Shipyard (N00251)**
Equipment Nomenclature NID Number	**MILLING MACHINE** **N00251-031810**

1. Primary purpose(s) of the equipment:
   Machining of large mechanical parts

2. The equipment is: _ Portable x Moveable _ Fixed

3. Replacement cost (excludes building and utilities): $ 674,832

4. Equipment: Gross Weight 500,000(e) lbs. Size 24'L x 24'W x 12'H

5. Utilities required: x Electrical power (230/460 VAC, 3 Phase, 60 Hz)
   _ Compressed air _ Potable water _ Steam
   _ Fuel oil _ Compressed gas

6. Special x foundation / _ shielding required.
   Estimated cost: $ 50,000 (Included in #3, above)

7. Environmental control(s) required: **None**

8. Feasibility to relocate/replicate at another site (fixed asset, only):
   x Relocatable _ Extremely difficult _ Impossible

9. The equipment was installed at the present site in 1971.
   Constructed: _ On site _ In Shipyard and moved to site
   Purchased/Shipped: _ Fully assembled x Broken down for transport
   Transported to site via: x Truck _ Rail _ Barge x Crane

10. The equipment supports:
    Products:
    - x 1.1 Undersea
    - x 1.3 Surface Ship
    - _ 2.1 Gun Systems
    - _ 2.2 Guided Missiles
    - _ 2.8 Launchers
    - _ 2.9 Fire Control
    - _ 3. Combat Systems
    - _ 5.1 Sonar
    - _ 5.2 Radar
    - _ 6.1 & 6.3 Navigation
    - _ 7.1 & 7.3 C^3I
    - x 9.1 Strategic Systems
    - _ 10.6 Crew equipment

    Functions: x Modernization x Repair
    _ Retirement _ Testing

11. Historical utilization - average hours - past five fiscal years:
    FY 89 200 FY 90 200 FY 91 200 FY 92 200 FY 93 200

12. Projected utilization - average hours - to FY 97:
    FY 94 200 FY 95 200 FY 96 200 FY 97 200

13. Approximate number of personnel required to operate the equipment: 1

14. Approximate number of manhours required to maintain the equipment: 20

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Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITY/EQUIPMENT CAPABILITY FORM

Activity Name:	**Puget Sound Naval Shipyard (N00251)**
Equipment Nomenclature NID Number	**BARGE, SHIP'S WASTE, OFFLOADING (SWOB)** **N00251-037236**

1. Primary purpose(s) of the equipment:
   Offloading of ship's waste upon arrival

2. The equipment is: _ Portable **x** Moveable _ Fixed

3. Replacement cost (excludes building and utilities): $ **726,643**

4. Equipment: Gross Weight **210,600** lbs. Size **106**'L x **26**'W x **7**'H

5. Utilities required: _ Electrical power (_____ VAC, _ Phase, 60 Hz)
   _ Compressed air _ Potable water _ Steam
   _ Fuel oil _ Compressed gas

6. Special _ foundation / _ shielding required.
   Estimated cost: $ **N/A** (Included in #3, above)

7. Environmental control(s) required: **None**

8. Feasibility to relocate/replicate at another site (fixed asset, only):
   X Relocatable _ Extremely difficult _ Impossible

9. The equipment was installed at the present site in 1976.
   Constructed: _ On site _ In Shipyard and moved to site
   Purchased/Shipped: **X** Fully assembled _ Broken down for transport
   Transported to site via: _ Truck _ Rail **X** Barge _ Crane

10. The equipment supports:
    Products:
    - **x** 1.1 Undersea
    - **x** 1.3 Surface Ship
    - _ 2.1 Gun Systems
    - _ 2.2 Guided Missiles
    - _ 2.8 Launchers
    - _ 2.9 Fire Control
    - _ 3. Combat Systems
    - _ 5.1 Sonar
    - _ 5.2 Radar
    - _ 6.1 & 6.3 Navigation
    - _ 7.1 & 7.3 C^3I
    - **x** 9.1 Strategic Systems
    - _ 10.6 Crew equipment

    Functions:
    - **x** Modernization
    - **x** Retirement
    - **x** Repair
    - _ Testing

11. Historical utilization - average hours - past five fiscal years:
    FY 89 1050 FY 90 1050 FY 91 1050 FY 92 1050 FY 93 1050

12. Projected utilization - average hours - to FY 97:
    FY 94 520 FY 95 520 FY 96 520 FY 97 520

13. Approximate number of personnel required to operate the equipment: 2

14. Approximate number of manhours required to maintain the equipment: 2000

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Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITY/EQUIPMENT CAPABILITY FORM

Activity Name:	**Puget Sound Naval Shipyard (N00251)**
Equipment Nomenclature NID Number	**BARGE, SHIP'S WASTE, OFFLOADING (SWOB)** **N00251-037237**

1. Primary purpose(s) of the equipment:
   Offloading of ship's waste upon arrival

2. The equipment is: _ Portable x Moveable _ Fixed

3. Replacement cost (excludes building and utilities): $ **726,643**

4. Equipment: Gross Weight **210,600** lbs. Size **106**'L x **26**'W x **7**'H

5. Utilities required: _ Electrical power (_____ VAC, _ Phase, 60 Hz)
   _ Compressed air _ Potable water _ Steam
   _ Fuel oil _ Compressed gas

6. Special _ foundation / _ shielding required.
   Estimated cost: $ **N/A** (Included in #3, above)

7. Environmental control(s) required: **None**

8. Feasibility to relocate/replicate at another site (fixed asset, only):
   X Relocatable _ Extremely difficult _ Impossible

9. The equipment was installed at the present site in 1976.
   Constructed: _ On site _ In Shipyard and moved to site
   Purchased/Shipped: X Fully assembled _ Broken down for transport
   Transported to site via: _ Truck _ Rail X Barge _ Crane

10. The equipment supports:
    Products:
    - x 1.1 Undersea
    - x 1.3 Surface Ship
    - _ 2.1 Gun Systems
    - _ 2.2 Guided Missiles
    - _ 2.8 Launchers
    - _ 2.9 Fire Control
    - _ 3. Combat Systems
    - _ 5.1 Sonar
    - _ 5.2 Radar
    - _ 6.1 & 6.3 Navigation
    - _ 7.1 & 7.3 C^3I
    - x 9.1 Strategic Systems
    - _ 10.6 Crew equipment

    Functions:
    - x Modernization
    - x Retirement
    - x Repair
    - _ Testing

11. Historical utilization - average hours - past five fiscal years:
    FY 89 1050 FY 90 1050 FY 91 1050 FY 92 1050 FY 93 1050

12. Projected utilization - average hours - to FY 97:
    FY 94 520 FY 95 520 FY 96 520 FY 97 520

13. Approximate number of personnel required to operate the equipment: 2

14. Approximate number of manhours required to maintain the equipment: 2000

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Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITY/EQUIPMENT CAPABILITY FORM

Activity Name:	**Puget Sound Naval Shipyard (N00251)**
Equipment Nomenclature NID Number	**BARGE, SHIP'S WASTE, OFFLOADING (SWOB)** **N00251-037258**

1. Primary purpose(s) of the equipment:
   Offloading of ship's waste upon arrival

2. The equipment is: _ Portable x Moveable _ Fixed

3. Replacement cost (excludes building and utilities): $ **726,643**

4. Equipment: Gross Weight **210,600** lbs. Size **106**'L x **26**'W x **7**'H

5. Utilities required: _ Electrical power (_____ VAC, _ Phase, 60 Hz)
   _ Compressed air _ Potable water _ Steam
   _ Fuel oil _ Compressed gas

6. Special _ foundation / _ shielding required.
   Estimated cost: $ **N/A** (Included in #3, above)

7. Environmental control(s) required: **None**

8. Feasibility to relocate/replicate at another site (fixed asset, only):
   X Relocatable _ Extremely difficult _ Impossible

9. The equipment was installed at the present site in 1976.
   Constructed: _ On site _ In Shipyard and moved to site
   Purchased/Shipped: X Fully assembled _ Broken down for transport
   Transported to site via: _ Truck _ Rail X Barge _ Crane

10. The equipment supports:
    Products:
    x 1.1 Undersea
    x 1.3 Surface Ship
    _ 2.1 Gun Systems
    _ 2.2 Guided Missiles
    _ 2.8 Launchers
    _ 2.9 Fire Control
    _ 3. Combat Systems
    _ 5.1 Sonar
    _ 5.2 Radar
    _ 6.1 & 6.3 Navigation
    _ 7.1 & 7.3 C^3I
    x 9.1 Strategic Systems
    _ 10.6 Crew equipment

    Functions:
    x Modernization
    x Retirement
    x Repair
    _ Testing

11. Historical utilization - average hours - past five fiscal years:
    FY 89 1050 FY 90 1050 FY 91 1050 FY 92 1050 FY 93 1050

12. Projected utilization - average hours - to FY 97:
    FY 94 520 FY 95 520 FY 96 520 FY 97 520

13. Approximate number of personnel required to operate the equipment: 2

14. Approximate number of manhours required to maintain the equipment: 2000

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Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITY/EQUIPMENT CAPABILITY FORM

Activity Name:	**Puget Sound Naval Shipyard (N00251)**
Equipment Nomenclature NID Number	**BARGE, SHIP'S WASTE, OFFLOADING (SWOB)** **N00251-037259**

1. Primary purpose(s) of the equipment:
   Offloading of ship's waste upon arrival

2. The equipment is: _ Portable x Moveable _ Fixed

3. Replacement cost (excludes building and utilities): $ **726,643**

4. Equipment: Gross Weight **210,600** lbs. Size **106**'L x **26**'W x **7**'H

5. Utilities required: _ Electrical power (_____ VAC, _ Phase, 60 Hz)
   _ Compressed air _ Potable water _ Steam
   _ Fuel oil _ Compressed gas

6. Special _ foundation / _ shielding required.
   Estimated cost: $ **N/A** (Included in #3, above)

7. Environmental control(s) required: **None**

8. Feasibility to relocate/replicate at another site (fixed asset, only):
   X Relocatable _ Extremely difficult _ Impossible

9. The equipment was installed at the present site in 1976.
   Constructed: _ On site _ In Shipyard and moved to site
   Purchased/Shipped: X Fully assembled _ Broken down for transport
   Transported to site via: _ Truck _ Rail X Barge _ Crane

10. The equipment supports:
    Products:
    x 1.1 Undersea
    x 1.3 Surface Ship
    _ 2.1 Gun Systems
    _ 2.2 Guided Missiles
    _ 2.8 Launchers
    _ 2.9 Fire Control
    _ 3. Combat Systems
    _ 5.1 Sonar
    _ 5.2 Radar
    _ 6.1 & 6.3 Navigation
    _ 7.1 & 7.3 C^3I
    x 9.1 Strategic Systems
    _ 10.6 Crew equipment

    Functions:
    x Modernization
    x Retirement
    x Repair
    _ Testing

11. Historical utilization - average hours - past five fiscal years:
    FY 89 1050 FY 90 1050 FY 91 1050 FY 92 1050 FY 93 1050

12. Projected utilization - average hours - to FY 97:
    FY 94 520 FY 95 520 FY 96 520 FY 97 520

13. Approximate number of personnel required to operate the equipment: 2

14. Approximate number of manhours required to maintain the equipment: 2000

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Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITY/EQUIPMENT CAPABILITY FORM

Activity Name:	**Puget Sound Naval Shipyard (N00251)**
Equipment Nomenclature NID Number	**BARGE, SHIP'S WASTE, OFFLOADING (SWOB)** **N00251-037260**

1. Primary purpose(s) of the equipment:
   Offloading of ship's waste upon arrival

2. The equipment is: _ Portable x Moveable _ Fixed

3. Replacement cost (excludes building and utilities): $ **726,643**

4. Equipment: Gross Weight **210,600** lbs. Size **106**'L x **26**'W x **7**'H

5. Utilities required: _ Electrical power (_____ VAC, _ Phase, 60 Hz)
   _ Compressed air _ Potable water _ Steam
   _ Fuel oil _ Compressed gas

6. Special _ foundation / _ shielding required.
   Estimated cost: $ **N/A** (Included in #3, above)

7. Environmental control(s) required: **None**

8. Feasibility to relocate/replicate at another site (fixed asset, only):
   X Relocatable _ Extremely difficult _ Impossible

9. The equipment was installed at the present site in 1976.
   Constructed: _ On site _ In Shipyard and moved to site
   Purchased/Shipped: X Fully assembled _ Broken down for transport
   Transported to site via: _ Truck _ Rail X Barge _ Crane

10. The equipment supports:
    Products:
    - x 1.1 Undersea
    - x 1.3 Surface Ship
    - _ 2.1 Gun Systems
    - _ 2.2 Guided Missiles
    - _ 2.8 Launchers
    - _ 2.9 Fire Control
    - _ 3. Combat Systems
    - _ 5.1 Sonar
    - _ 5.2 Radar
    - _ 6.1 & 6.3 Navigation
    - _ 7.1 & 7.3 C^3I
    - x 9.1 Strategic Systems
    - _ 10.6 Crew equipment

    Functions:
    - x Modernization
    - x Retirement
    - x Repair
    - _ Testing

11. Historical utilization - average hours - past five fiscal years:
    FY 89 1050 FY 90 1050 FY 91 1050 FY 92 1050 FY 93 1050

12. Projected utilization - average hours - to FY 97:
    FY 94 520 FY 95 520 FY 96 520 FY 97 520

13. Approximate number of personnel required to operate the equipment: 2

14. Approximate number of manhours required to maintain the equipment: 2000

Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITY/EQUIPMENT CAPABILITY FORM

Activity Name:	**Puget Sound Naval Shipyard (N00251)**
Equipment Nomenclature NID Number	**TEST SWITCHBOARD** **N00251-037298**

1. Primary purpose(s) of the equipment:
   In shop testing of 500 KW motor/generator sets

2. The equipment is: _ Portable x Moveable _ Fixed

3. Replacement cost (excludes building and utilities): $ **541,950**

4. Equipment: Gross Weight **11,000** lbs. Size **20**'L x **6**'W x **6**'H

5. Utilities required: x Electrical power (**440** VAC, **3** Phase, 60 Hz)
   _ Compressed air _ Potable water _ Steam
   _ Fuel oil _ Compressed gas

6. Special _ foundation / _ shielding required.
   Estimated cost: $ **N/A** (Included in #3, above)

7. Environmental control(s) required: **None**

8. Feasibility to relocate/replicate at another site (fixed asset, only):
   x Relocatable _ Extremely difficult _ Impossible

9. The equipment was installed at the present site in 1977.
   Constructed: x On site _ In Shipyard and moved to site
   Purchased/Shipped: _ Fully assembled _ Broken down for transport
   Transported to site via: _ Truck _ Rail _ Barge _ Crane

10. The equipment supports:
    Products:
    x 1.1 Undersea
    x 1.3 Surface Ship
    _ 2.1 Gun Systems
    _ 2.2 Guided Missiles
    _ 2.8 Launchers
    _ 2.9 Fire Control
    _ 3. Combat Systems
    _ 5.1 Sonar
    _ 5.2 Radar
    _ 6.1 & 6.3 Navigation
    _ 7.1 & 7.3 C^3I
    x 9.1 Strategic Systems
    _ 10.6 Crew equipment

    Functions: x Modernization x Repair
    _ Retirement _ Testing

11. Historical utilization - average hours - past five fiscal years:
    FY 89 **0** FY 90 **0** FY 91 **0** FY 92 **0** FY 93 **0**

12. Projected utilization - average hours - to FY 97:
    FY 94 **0** FY 95 **0** FY 96 **0** FY 97 **0**

13. Approximate number of personnel required to operate the equipment: **1**

14. Approximate number of manhours required to maintain the equipment: **8**

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Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITY/EQUIPMENT CAPABILITY FORM

Activity Name:	**Puget Sound Naval Shipyard (N00251)**
Equipment Nomenclature NID Number	**BOOTH, PAINT SPRAY** **N00251-037910**

1. Primary purpose(s) of the equipment:
   Painting large components

2. The equipment is: _ Portable _ Moveable x Fixed

3. Replacement cost (excludes building and utilities): $ 500,000

4. Equipment: Gross Weight 30,000 lbs. Size 62'L x 20'W x 20'H

5. Utilities required: x Electrical power (460 VAC, 3 Phase, 60 Hz)
   x Compressed air x Potable water _ Steam
   _ Fuel oil _ Compressed gas

6. Special x foundation / _ shielding required.
   Estimated cost: $ 20,000 (Included in #3, above)

7. Environmental control(s) required: **None**

8. Feasibility to relocate/replicate at another site (fixed asset, only):
   x Extremely difficult _ Impossible

9. The equipment was installed at the present site in 1978.
   Constructed: _ On site _ In Shipyard and moved to site
   Purchased/Shipped: _ Fully assembled x Broken down for transport
   Transported to site via: x Truck _ Rail _ Barge x Crane

10. The equipment supports:
    Products:
    x 1.1 Undersea
    x 1.3 Surface Ship
    _ 2.1 Gun Systems
    _ 2.2 Guided Missiles
    _ 2.8 Launchers
    _ 2.9 Fire Control
    _ 3. Combat Systems
    _ 5.1 Sonar
    _ 5.2 Radar
    _ 6.1 & 6.3 Navigation
    _ 7.1 & 7.3 C^3I
    x 9.1 Strategic Systems
    _ 10.6 Crew equipment

    Functions: x Modernization x Repair
    _ Retirement _ Testing

11. Historical utilization - average hours - past five fiscal years:
    FY 89 6,344 FY 90 6,344 FY 91 6,344 FY 92 6,344 FY 93 6,344

12. Projected utilization - average hours - to FY 97:
    FY 94 6,344 FY 95 6,344 FY 96 6,344 FY 97 6,366

13. Approximate number of personnel required to operate the equipment: 2

14. Approximate number of manhours required to maintain the equipment: 200

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Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITY/EQUIPMENT CAPABILITY FORM

Activity Name:	**Puget Sound Naval Shipyard (N00251)**
Equipment Nomenclature NID Number	**ENCLOSURE, GRIT BLAST** **N00251-037914 & 037915**

1. Primary purpose(s) of the equipment:
   Grit blasting large components

2. The equipment is: _ Portable _ Moveable x Fixed

3. Replacement cost (excludes building and utilities): $ 650,000

4. Equipment: Gross Weight 60,000 lbs. Size 68'L x 34'W x 30'H

5. Utilities required: x Electrical power (460 VAC, 3 Phase, 60 Hz)
   x Compressed air _ Potable water _ Steam
   _ Fuel oil _ Compressed gas

6. Special x foundation / _ shielding required.
   Estimated cost: $ 30,000 (Included in #3, above)

7. Environmental control(s) required: **None**

8. Feasibility to relocate/replicate at another site (fixed asset, only):
   x Extremely difficult _ Impossible

9. The equipment was installed at the present site in 1978.
   Constructed: x On site _ In Shipyard and moved to site
   Purchased/Shipped: _ Fully assembled x Broken down for transport
   Transported to site via: x Truck _ Rail _ Barge x Crane

10. The equipment supports:
    Products:
    - x 1.1 Undersea
    - x 1.3 Surface Ship
    - _ 2.1 Gun Systems
    - _ 2.2 Guided Missiles
    - _ 2.8 Launchers
    - _ 2.9 Fire Control
    - _ 3. Combat Systems
    - _ 5.1 Sonar
    - _ 5.2 Radar
    - _ 6.1 & 6.3 Navigation
    - _ 7.1 & 7.3 C^3I
    - x 9.1 Strategic Systems
    - _ 10.6 Crew equipment

    Functions: x Modernization x Repair _ Retirement _ Testing

11. Historical utilization - average hours - past five fiscal years:
    FY 89 6,240 FY 90 6,240 FY 91 6,240 FY 92 6,240 FY 93 6,240

12. Projected utilization - average hours - to FY 97:
    FY 94 6,240 FY 95 6,240 FY 96 6,240 FY 97 6,240

13. Approximate number of personnel required to operate the equipment: 2

14. Approximate number of manhours required to maintain the equipment: 200

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Primary UIC: 00251

R

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITY/EQUIPMENT CAPABILITY FORM

Activity Name:	Puget Sound Naval Shipyard (N00251)
Equipment Nomenclature NID Number	**BALANCING MACHINE** N00251-038558

1. Primary purpose(s) of the equipment:
   Balancing large work pieces (e.g., ship's propellers)

2. The equipment is: _ Portable x Moveable _ Fixed

3. Replacement cost (excludes building and utilities): $ 500,000

4. Equipment: Gross Weight 30,000(e) lbs. Size 20'L x 10'W x 10'H

5. Utilities required: x Electrical power (460 VAC, 3 Phase, 60 Hz)
   _ Compressed air _ Potable water _ Steam
   _ Fuel oil _ Compressed gas

6. Special x foundation / _ shielding required.
   Estimated cost: $ 15,000 (Included in #3, above)

7. Environmental control(s) required: None

8. Feasibility to relocate/replicate at another site (fixed asset, only):
   x Relocatable _ Extremely difficult _ Impossible

9. The equipment was installed at the present site in 1980. R
   Constructed: _ On site _ In Shipyard and moved to site
   Purchased/Shipped: _ Fully assembled x Broken down for transport
   Transported to site via: x Truck _ Rail _ Barge x Crane

10. The equipment supports:
    Products:
    - x 1.1 Undersea
    - x 1.3 Surface Ship
    - _ 2.1 Gun Systems
    - _ 2.2 Guided Missiles
    - _ 2.8 Launchers
    - _ 2.9 Fire Control
    - _ 3. Combat Systems
    - _ 5.1 Sonar
    - _ 5.2 Radar
    - _ 6.1 & 6.3 Navigation
    - _ 7.1 & 7.3 C^3I
    - x 9.1 Strategic Systems
    - _ 10.6 Crew equipment

    Functions: x Modernization x Repair _ Retirement _ Testing

11. Historical utilization - average hours - past five fiscal years:
    FY 89 100 FY 90 100 FY 91 100 FY 92 100 FY 93 50

12. Projected utilization - average hours - to FY 97:
    FY 94 50 FY 95 50 FY 96 50 FY 97 50

13. Approximate number of personnel required to operate the equipment: 1

14. Approximate number of manhours required to maintain the equipment: 10

Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITY/EQUIPMENT CAPABILITY FORM

Activity Name:	**Puget Sound Naval Shipyard (N00251)**
Equipment Nomenclature NID Number	**BALANCING MACHINE** **N00251-038558**

1. Primary purpose(s) of the equipment:
   Balancing large work pieces (e.g., ship's propellers)

2. The equipment is: _ Portable x Moveable _ Fixed

3. Replacement cost (excludes building and utilities): $ 500,000

4. Equipment: Gross Weight 30,000(e) lbs. Size 20'L x 10'W x 10'H

5. Utilities required: x Electrical power (460 VAC, 3 Phase, 60 Hz)
   _ Compressed air _ Potable water _ Steam
   _ Fuel oil _ Compressed gas

6. Special x foundation / _ shielding required.
   Estimated cost: $ 15,000 (Included in #3, above)

7. Environmental control(s) required: **None**

8. Feasibility to relocate/replicate at another site (fixed asset, only):
   X Relocatable _ Extremely difficult _ Impossible

9. The equipment was installed at the present site in 19__.
   Constructed: _ On site _ In Shipyard and moved to site
   Purchased/Shipped: _ Fully assembled x Broken down for transport
   Transported to site via: x Truck _ Rail _ Barge x Crane

10. The equipment supports:
    Products:
    - x 1.1 Undersea
    - x 1.3 Surface Ship
    - _ 2.1 Gun Systems
    - _ 2.2 Guided Missiles
    - _ 2.8 Launchers
    - _ 2.9 Fire Control
    - _ 3. Combat Systems
    - _ 5.1 Sonar
    - _ 5.2 Radar
    - _ 6.1 & 6.3 Navigation
    - _ 7.1 & 7.3 C^3I
    - x 9.1 Strategic Systems
    - _ 10.6 Crew equipment

    Functions: x Modernization x Repair
    _ Retirement _ Testing

11. Historical utilization - average hours - past five fiscal years:
    FY 89 100 FY 90 100 FY 91 100 FY 92 100 FY 93 50

12. Projected utilization - average hours - to FY 97:
    FY 94 50 FY 95 50 FY 96 50 FY 97 50

13. Approximate number of personnel required to operate the equipment: 1

14. Approximate number of manhours required to maintain the equipment: 10

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Primary UIC: 00251

R

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITY/EQUIPMENT CAPABILITY FORM

Activity Name:	Puget Sound Naval Shipyard (N00251)
Equipment Nomenclature NID Number	CUTTING MACHINE, NC, FLAME/PLASMA N00251-038978

1. Primary purpose(s) of the equipment:
   Cutting structural shapes from metal plate

2. The equipment is: _ Portable x Moveable _ Fixed

3. Replacement cost (excludes building and utilities): $ 950,000

4. Equipment: Gross Weight 40,000(e) lbs. Size 20'L x 10'W x 10'H

5. Utilities required: x Electrical power (460 VAC, 3 Phase, 60 Hz)
   _ Compressed air _ Potable water _ Steam
   _ Fuel oil x Compressed gas

6. Special x foundation / _ shielding required.
   Estimated cost: $ 75,000 (Included in #3, above)

7. Environmental control(s) required: None

8. Feasibility to relocate/replicate at another site (fixed asset, only):
   x Relocatable _ Extremely difficult _ Impossible

9. The equipment was installed at the present site in 1980. R
   Constructed: _ On site _ In Shipyard and moved to site
   Purchased/Shipped: _ Fully assembled x Broken down for transport
   Transported to site via: x Truck _ Rail _ Barge x Crane

10. The equipment supports:
    Products:
    - x 1.1 Undersea
    - x 1.3 Surface Ship
    - _ 2.1 Gun Systems
    - _ 2.2 Guided Missiles
    - _ 2.8 Launchers
    - _ 2.9 Fire Control
    - _ 3. Combat Systems
    - _ 5.1 Sonar
    - _ 5.2 Radar
    - _ 6.1 & 6.3 Navigation
    - _ 7.1 & 7.3 C^3I
    - x 9.1 Strategic Systems
    - _ 10.6 Crew equipment

    Functions: x Modernization x Repair
    _ Retirement _ Testing

11. Historical utilization - average hours - past five fiscal years:
    FY 89 3,000 FY 90 3,000 FY 91 3,000 FY 92 3,000 FY 93 3,000

12. Projected utilization - average hours - to FY 97:
    FY 94 3,000 FY 95 3,000 FY 96 3,000 FY 97 3,000

13. Approximate number of personnel required to operate the equipment: 1

14. Approximate number of manhours required to maintain the equipment: 300

Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITY/EQUIPMENT CAPABILITY FORM

Activity Name:	**Puget Sound Naval Shipyard (N00251)**
Equipment Nomenclature NID Number	**CUTTING MACHINE, NC, FLAME/PLASMA** **N00251-038978**

1. Primary purpose(s) of the equipment:
   Cutting structural shapes from metal plate

2. The equipment is: _ Portable x Moveable _ Fixed

3. Replacement cost (excludes building and utilities): $ 950,000

4. Equipment: Gross Weight 40,000(e) lbs. Size 20'L x 10'W x 10'H

5. Utilities required: x Electrical power (460 VAC, 3 Phase, 60 Hz)
   _ Compressed air _ Potable water _ Steam
   _ Fuel oil x Compressed gas

6. Special x foundation / _ shielding required.
   Estimated cost: $ 75,000 (Included in #3, above)

7. Environmental control(s) required: None

8. Feasibility to relocate/replicate at another site (fixed asset, only):
   X Relocatable _ Extremely difficult _ Impossible

9. The equipment was installed at the present site in 19__.
   Constructed: _ On site _ In Shipyard and moved to site
   Purchased/Shipped: _ Fully assembled x Broken down for transport
   Transported to site via: x Truck _ Rail _ Barge x Crane

10. The equipment supports:
    Products:
    x 1.1 Undersea
    x 1.3 Surface Ship
    _ 2.1 Gun Systems
    _ 2.2 Guided Missiles
    _ 2.8 Launchers
    _ 2.9 Fire Control
    _ 3. Combat Systems
    _ 5.1 Sonar
    _ 5.2 Radar
    _ 6.1 & 6.3 Navigation
    _ 7.1 & 7.3 C^3I
    x 9.1 Strategic Systems
    _ 10.6 Crew equipment

    Functions: x Modernization x Repair
    _ Retirement _ Testing

11. Historical utilization - average hours - past five fiscal years:
    FY 89 3,000 FY 90 3,000 FY 91 3,000 FY 92 3,000 FY 93 3,000

12. Projected utilization - average hours - to FY 97:
    FY 94 3,000 FY 95 3,000 FY 96 3,000 FY 97 3,000

13. Approximate number of personnel required to operate the equipment: 1

14. Approximate number of manhours required to maintain the equipment: 300

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Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITY/EQUIPMENT CAPABILITY FORM

Activity Name:	**Puget Sound Naval Shipyard (N00251)**
Equipment Nomenclature NID Number	**ROLL MATERIAL PROCESSING SYSTEM** **N00251-040479**

1. Primary purpose(s) of the equipment:
   Cutting bulk rolled sheet metal into desired lengths and widths

2. The equipment is: _ Portable x Moveable _ Fixed

3. Replacement cost (excludes building and utilities): $ 550,000

4. Equipment: Gross Weight 70,000 lbs. Size 40'L x 12'W x 8'H

5. Utilities required: x Electrical power (230/460 VAC, 3 Phase, 60 Hz)
   _ Compressed air _ Potable water _ Steam
   _ Fuel oil _ Compressed gas

6. Special x foundation / _ shielding required.
   Estimated cost: $ 10,000 (Included in #3, above)

7. Environmental control(s) required: **None**

8. Feasibility to relocate/replicate at another site (fixed asset, only):
   x Relocatable _ Extremely difficult _ Impossible

9. The equipment was installed at the present site in 1982.
   Constructed: _ On site _ In Shipyard and moved to site
   Purchased/Shipped: _ Fully assembled x Broken down for transport
   Transported to site via: x Truck _ Rail _ Barge x Crane

10. The equipment supports:
    Products:
    x 1.1 Undersea
    x 1.3 Surface Ship
    _ 2.1 Gun Systems
    _ 2.2 Guided Missiles
    _ 2.8 Launchers
    _ 2.9 Fire Control
    _ 3. Combat Systems
    _ 5.1 Sonar
    _ 5.2 Radar
    _ 6.1 & 6.3 Navigation
    _ 7.1 & 7.3 C^3I
    x 9.1 Strategic Systems
    _ 10.6 Crew equipment

    Functions: x Modernization x Repair
    _ Retirement _ Testing

11. Historical utilization - average hours - past five fiscal years:
    FY 89 540 FY 90 540 FY 91 540 FY 92 540 FY 93 540

12. Projected utilization - average hours - to FY 97:
    FY 94 200 FY 95 200 FY 96 200 FY 97 200

13. Approximate number of personnel required to operate the equipment: 1

14. Approximate number of manhours required to maintain the equipment: 160

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Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITY/EQUIPMENT CAPABILITY FORM

Activity Name:	**Puget Sound Naval Shipyard (N00251)**
Equipment Nomenclature NID Number	**OVEN, VACUUM DRYING** **N00251-042417**

1. Primary purpose(s) of the equipment:
   Rapid drying of large electrical components (e.g., motors, generators)

2. The equipment is: _ Portable x Moveable _ Fixed

3. Replacement cost (excludes building and utilities): $ 520,000

4. Equipment: Gross Weight 32,000(e) lbs. Size 27'L x 22'W x 14'H

5. Utilities required: x Electrical power (230/460 VAC, 3 Phase, 60 Hz)
   _ Compressed air _ Potable water _ Steam
   _ Fuel oil _ Compressed gas

6. Special x foundation / _ shielding required.
   Estimated cost: $ 30,000 (Included in #3, above)

7. Environmental control(s) required: **None**

8. Feasibility to relocate/replicate at another site (fixed asset, only):
   X Relocatable _ Extremely difficult _ Impossible

9. The equipment was installed at the present site in 1985.
   Constructed: _ On site _ In Shipyard and moved to site
   Purchased/Shipped: _ Fully assembled x Broken down for transport
   Transported to site via: x Truck _ Rail _ Barge x Crane

10. The equipment supports:
    Products:
    - x 1.1 Undersea
    - x 1.3 Surface Ship
    - _ 2.1 Gun Systems
    - _ 2.2 Guided Missiles
    - _ 2.8 Launchers
    - _ 2.9 Fire Control
    - _ 3. Combat Systems
    - _ 5.1 Sonar
    - _ 5.2 Radar
    - _ 6.1 & 6.3 Navigation
    - _ 7.1 & 7.3 C^3I
    - x 9.1 Strategic Systems
    - _ 10.6 Crew equipment

    Functions: x Modernization x Repair
    _ Retirement _ Testing

11. Historical utilization - average hours - past five fiscal years:
    FY 89 950 FY 90 950 FY 91 950 FY 92 950 FY 93 950

12. Projected utilization - average hours - to FY 97:
    FY 94 450 FY 95 450 FY 96 450 FY 97 450

13. Approximate number of personnel required to operate the equipment: 1

14. Approximate number of manhours required to maintain the equipment: 16

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Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITY/EQUIPMENT CAPABILITY FORM

Activity Name:	**Puget Sound Naval Shipyard (N00251)**
Equipment Nomenclature NID Number	**DECARBURIZATION SYSTEM** **N00251-042952**

1. Primary purpose(s) of the equipment:
   Remove carbon from molten steel

2. The equipment is: _ Portable _ Moveable x Fixed

3. Replacement cost (excludes building and utilities): $1,168,789

4. Equipment: Gross Weight 800,000 lbs. Size 80'L x 60'W x 30'H

5. Utilities required: x Electrical power (460 VAC, 3 Phase, 60 Hz)
   _ Compressed air _ Potable water _ Steam
   _ Fuel oil x Compressed gas

6. Special x foundation / _ shielding required.
   Estimated cost: $250,000 (Included in #3, above)

7. Environmental control(s) required: **None**

8. Feasibility to relocate/replicate at another site (fixed asset, only):
   x Extremely difficult _ Impossible

9. The equipment was installed at the present site in 1986.
   Constructed: x On site _ In Shipyard and moved to site
   Purchased/Shipped: _ Fully assembled x Broken down for transport
   Transported to site via: x Truck _ Rail _ Barge x Crane

10. The equipment supports:
    Products:
    x 1.1 Undersea
    x 1.3 Surface Ship
    _ 2.1 Gun Systems
    _ 2.2 Guided Missiles
    _ 2.8 Launchers
    _ 2.9 Fire Control
    _ 3. Combat Systems
    _ 5.1 Sonar
    _ 5.2 Radar
    _ 6.1 & 6.3 Navigation
    _ 7.1 & 7.3 C^3I
    x 9.1 Strategic Systems
    _ 10.6 Crew equipment

    Functions:
    x Modernization
    x Retirement
    x Repair
    _ Testing

11. Historical utilization - average hours - past five fiscal years:
    FY 89 200 FY 90 200 FY 91 200 FY 92 200 FY 93 200

12. Projected utilization - average hours - to FY 97:
    FY 94 400 FY 95 400 FY 96 400 FY 97 400

13. Approximate number of personnel required to operate the equipment: 3

14. Approximate number of manhours required to maintain the equipment: 80

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Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITY/EQUIPMENT CAPABILITY FORM

Activity Name:	**Puget Sound Naval Shipyard (N00251)**
Equipment Nomenclature NID Number	**MACHINE CENTER, TURNING** **N00251-047499**

1. Primary purpose(s) of the equipment:
   Multiple function machining of mechanical parts

2. The equipment is: _ Portable **x** Moveable _ Fixed

3. Replacement cost (excludes building and utilities): $**1,715,813**

4. Equipment: Gross Weight **300,000(e)** lbs. Size **17**'L x **18**'W x **19**'H

5. Utilities required: **x** Electrical power (**230** VAC, **3** Phase, 60 Hz)
   _ Compressed air _ Potable water _ Steam
   _ Fuel oil _ Compressed gas

6. Special **x** foundation / _ shielding required.
   Estimated cost: $**150,000** (Included in #3, above)

7. Environmental control(s) required: **None**

8. Feasibility to relocate/replicate at another site (fixed asset, only):
   X Relocatable _ Extremely difficult _ Impossible

9. The equipment was installed at the present site in 1991.
   Constructed: _ On site _ In Shipyard and moved to site
   Purchased/Shipped: _ Fully assembled **x** Broken down for transport
   Transported to site via: **x** Truck _ Rail _ Barge **x** Crane

10. The equipment supports:
    Products:
    x 1.1 Undersea
    x 1.3 Surface Ship
    _ 2.1 Gun Systems
    _ 2.2 Guided Missiles
    _ 2.8 Launchers
    _ 2.9 Fire Control
    _ 3. Combat Systems
    _ 5.1 Sonar
    _ 5.2 Radar
    _ 6.1 & 6.3 Navigation
    _ 7.1 & 7.3 C^3I
    x 9.1 Strategic Systems
    _ 10.6 Crew equipment

    Functions: **x** Modernization **x** Repair
    _ Retirement _ Testing

11. Historical utilization - average hours - past five fiscal years:
    FY 89 **N/A** FY 90 **N/A** FY 91 **200** FY 92 **200** FY 93 **200**

12. Projected utilization - average hours - to FY 97:
    FY 94 **400** FY 95 **400** FY 96 **400** FY 97 **400**

13. Approximate number of personnel required to operate the equipment: **1**

14. Approximate number of manhours required to maintain the equipment: **20**

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Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITY/EQUIPMENT CAPABILITY FORM

Activity Name:	**Puget Sound Naval Shipyard (N00251)**
Equipment Nomenclature NID Number	**FURNACE, HEAT TREATING, CAR TYPE** **N00251-048884**

1. Primary purpose(s) of the equipment:
   Heat treating/stress relieving large propellers

2. The equipment is: _ Portable x Moveable _ Fixed

3. Replacement cost (excludes building and utilities): $ 1,170,028

4. Equipment: Gross Weight 120,000(e) lbs. Size 30'L x 31'W x 18'H

5. Utilities required: x Electrical power (460 VAC, 3 Phase, 60 Hz)
   _ Compressed air _ Potable water _ Steam
   _ Fuel oil _ Compressed gas

6. Special x foundation / _ shielding required.
   Estimated cost: $ 80,000 (Included in #3, above)

7. Environmental control(s) required: None

8. Feasibility to relocate/replicate at another site (fixed asset, only):
   x Relocatable _ Extremely difficult _ Impossible

9. The equipment was installed at the present site in 1988.
   Constructed: _ On site _ In Shipyard and moved to site
   Purchased/Shipped: _ Fully assembled x Broken down for transport
   Transported to site via: x Truck _ Rail _ Barge x Crane

10. The equipment supports:
    Products:
    - x 1.1 Undersea
    - x 1.3 Surface Ship
    - _ 2.1 Gun Systems
    - _ 2.2 Guided Missiles
    - _ 2.8 Launchers
    - _ 2.9 Fire Control
    - _ 3. Combat Systems
    - _ 5.1 Sonar
    - _ 5.2 Radar
    - _ 6.1 & 6.3 Navigation
    - _ 7.1 & 7.3 C^3I
    - x 9.1 Strategic Systems
    - _ 10.6 Crew equipment

    Functions: x Modernization x Repair
    _ Retirement _ Testing

11. Historical utilization - average hours - past five fiscal years:
    FY 89 40 FY 90 80 FY 91 80 FY 92 0 FY 93 0

12. Projected utilization - average hours - to FY 97:
    FY 94 0 FY 95 0 FY 96 0 FY 97 0

13. Approximate number of personnel required to operate the equipment: 1

14. Approximate number of manhours required to maintain the equipment: 40

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Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITY/EQUIPMENT CAPABILITY FORM

Activity Name:	**Puget Sound Naval Shipyard (N00251)**
Equipment Nomenclature NID Number	**ENCLOSURE, SUBMARINE HULL TREATMENT** **N00251-048933**

1. Primary purpose(s) of the equipment:
   Environmental control enclosure for application of submarine hull tiles

2. The equipment is: x Portable _ Moveable _ Fixed

3. Replacement cost (excludes building and utilities): $ 638,322

4. Equipment: Gross Weight 84,000 lbs. Size 27'L x 30'W x 44'H

5. Utilities required: x Electrical power (440 VAC, 3 Phase, 60 Hz)
   x Compressed air x Potable water _ Steam
   _ Fuel oil _ Compressed gas

6. Special _ foundation / _ shielding required.
   Estimated cost: $ N/A (Included in #3, above)

7. Environmental control(s) required: **None**

8. Feasibility to relocate/replicate at another site (fixed asset, only):
   X Relocatable _ Extremely difficult _ Impossible

9. The equipment was installed at the present site in 1986.
   Constructed: _ On site x In Shipyard and moved to site
   Purchased/Shipped: _ Fully assembled _ Broken down for transport
   Transported to site via: _ Truck _ Rail _ Barge x Crane

10. The equipment supports:
    Products:
    - x 1.1 Undersea
    - _ 1.3 Surface Ship
    - _ 2.1 Gun Systems
    - _ 2.2 Guided Missiles
    - _ 2.8 Launchers
    - _ 2.9 Fire Control
    - _ 3. Combat Systems
    - _ 5.1 Sonar
    - _ 5.2 Radar
    - _ 6.1 & 6.3 Navigation
    - _ 7.1 & 7.3 C^3I
    - x 9.1 Strategic Systems
    - _ 10.6 Crew equipment

    Functions: x Modernization x Repair
    _ Retirement _ Testing

11. Historical utilization - average hours - past five fiscal years:
    FY 89 4,000 FY 90 0 FY 91 0 FY 92 0 FY 93 0

12. Projected utilization - average hours - to FY 97:
    FY 94 0 FY 95 0 FY 96 0 FY 97 0

13. Approximate number of personnel required to operate the equipment: N/A

14. Approximate number of manhours required to maintain the equipment: 40

Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITY/EQUIPMENT CAPABILITY FORM

Activity Name:	**Puget Sound Naval Shipyard (N00251)**
Equipment Nomenclature NID Number	**ENCLOSURE, SUBMARINE HULL TREATMENT** **N00251-048934**

1. Primary purpose(s) of the equipment:
   Environmental control enclosure for application of submarine hull tiles

2. The equipment is: x Portable _ Moveable _ Fixed

3. Replacement cost (excludes building and utilities): $ 638,322

4. Equipment: Gross Weight 84,000 lbs. Size 27'L x 30'W x 44'H

5. Utilities required: x Electrical power (440 VAC, 3 Phase, 60 Hz)
   x Compressed air x Potable water _ Steam
   _ Fuel oil _ Compressed gas

6. Special _ foundation / _ shielding required.
   Estimated cost: $ N/A (Included in #3, above)

7. Environmental control(s) required: **None**

8. Feasibility to relocate/replicate at another site (fixed asset, only):
   X Relocatable _ Extremely difficult _ Impossible

9. The equipment was installed at the present site in 1986.
   Constructed: _ On site x In Shipyard and moved to site
   Purchased/Shipped: _ Fully assembled _ Broken down for transport
   Transported to site via: _ Truck _ Rail _ Barge x Crane

10. The equipment supports:
    Products:
    - x 1.1 Undersea
    - _ 1.3 Surface Ship
    - _ 2.1 Gun Systems
    - _ 2.2 Guided Missiles
    - _ 2.8 Launchers
    - _ 2.9 Fire Control
    - _ 3. Combat Systems
    - _ 5.1 Sonar
    - _ 5.2 Radar
    - _ 6.1 & 6.3 Navigation
    - _ 7.1 & 7.3 C^3I
    - x 9.1 Strategic Systems
    - _ 10.6 Crew equipment

    Functions: x Modernization x Repair
    _ Retirement _ Testing

11. Historical utilization - average hours - past five fiscal years:
    FY 89 4,000 FY 90 0 FY 91 0 FY 92 0 FY 93 0

12. Projected utilization - average hours - to FY 97:
    FY 94 0 FY 95 0 FY 96 0 FY 97 0

13. Approximate number of personnel required to operate the equipment: N/A

14. Approximate number of manhours required to maintain the equipment: 40

Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITY/EQUIPMENT CAPABILITY FORM

Activity Name:	**Puget Sound Naval Shipyard (N00251)**
Equipment Nomenclature NID Number	**ENCLOSURE, SUBMARINE HULL TREATMENT** **N00251-048935**

1. Primary purpose(s) of the equipment:
   Environmental control enclosure for application of submarine hull tiles

2. The equipment is: x Portable _ Moveable _ Fixed

3. Replacement cost (excludes building and utilities): $ **638,322**

4. Equipment: Gross Weight **84,000** lbs. Size **27**'L x **30**'W x **44**'H

5. Utilities required: x Electrical power (**440** VAC, **3** Phase, 60 Hz)
   x Compressed air x Potable water _ Steam
   _ Fuel oil _ Compressed gas

6. Special _ foundation / _ shielding required.
   Estimated cost: $ **N/A** (Included in #3, above)

7. Environmental control(s) required: **None**

8. Feasibility to relocate/replicate at another site (fixed asset, only):
   x Relocatable _ Extremely difficult _ Impossible

9. The equipment was installed at the present site in 19**86**.
   Constructed: _ On site x In Shipyard and moved to site
   Purchased/Shipped: _ Fully assembled _ Broken down for transport
   Transported to site via: _ Truck _ Rail _ Barge x Crane

10. The equipment supports:
    Products:
    - x 1.1 Undersea
    - _ 1.3 Surface Ship
    - _ 2.1 Gun Systems
    - _ 2.2 Guided Missiles
    - _ 2.8 Launchers
    - _ 2.9 Fire Control
    - _ 3. Combat Systems
    - _ 5.1 Sonar
    - _ 5.2 Radar
    - _ 6.1 & 6.3 Navigation
    - _ 7.1 & 7.3 C^3I
    - x 9.1 Strategic Systems
    - _ 10.6 Crew equipment

    Functions: x Modernization x Repair
    _ Retirement _ Testing

11. Historical utilization - average hours - past five fiscal years:
    FY 89 **4,000** FY 90 **0** FY 91 **0** FY 92 **0** FY 93 **0**

12. Projected utilization - average hours - to FY 97:
    FY 94 **0** FY 95 **0** FY 96 **0** FY 97 **0**

13. Approximate number of personnel required to operate the equipment: **N/A**

14. Approximate number of manhours required to maintain the equipment: **40**

Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITY/EQUIPMENT CAPABILITY FORM

Activity Name:	**Puget Sound Naval Shipyard (N00251)**
Equipment Nomenclature NID Number	**ENCLOSURE, SUBMARINE HULL TREATMENT** **N00251-048936**

1. Primary purpose(s) of the equipment:
   Environmental control enclosure for application of submarine hull tiles
   (Currently used as sandblast enclosure for recycle work)
2. The equipment is: x Portable _ Moveable _ Fixed
3. Replacement cost (excludes building and utilities): $ 638,322
4. Equipment: Gross Weight 84,000 lbs. Size 27'L x 30'W x 44'H
5. Utilities required: x Electrical power (440 VAC, 3 Phase, 60 Hz)
   x Compressed air x Potable water _ Steam
   _ Fuel oil _ Compressed gas
6. Special _ foundation / _ shielding required.
   Estimated cost: $ N/A (Included in #3, above)
7. Environmental control(s) required: **None**
8. Feasibility to relocate/replicate at another site (fixed asset, only):
   X Relocatable _ Extremely difficult _ Impossible
9. The equipment was installed at the present site in 1986.
   Constructed: _ On site x In Shipyard and moved to site
   Purchased/Shipped: _ Fully assembled _ Broken down for transport
   Transported to site via: _ Truck _ Rail _ Barge x Crane
10. The equipment supports:
    Products:
    - x 1.1 Undersea
    - _ 1.3 Surface Ship
    - _ 2.1 Gun Systems
    - _ 2.2 Guided Missiles
    - _ 2.8 Launchers
    - _ 2.9 Fire Control
    - _ 3. Combat Systems
    - _ 5.1 Sonar
    - _ 5.2 Radar
    - _ 6.1 & 6.3 Navigation
    - _ 7.1 & 7.3 C^3I
    - x 9.1 Strategic Systems
    - _ 10.6 Crew equipment

    Functions: x Modernization x Repair
    _ Retirement _ Testing
11. Historical utilization - average hours - past five fiscal years:
    FY 89 4,000 FY 90 0 FY 91 0 FY 92 0 FY 93 0
12. Projected utilization - average hours - to FY 97:
    FY 94 6,000 FY 95 6,000 FY 96 6,000 FY 97 6,000
13. Approximate number of personnel required to operate the equipment: N/A
14. Approximate number of manhours required to maintain the equipment: 40

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Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITY/EQUIPMENT CAPABILITY FORM

Activity Name:	**Puget Sound Naval Shipyard (N00251)**
Equipment Nomenclature NID Number	**ENCLOSURE, SUBMARINE HULL TREATMENT** **N00251-048937**

1. Primary purpose(s) of the equipment:
   Environmental control enclosure for application of submarine hull tiles

2. The equipment is: x Portable _ Moveable _ Fixed

3. Replacement cost (excludes building and utilities): $ 638,322

4. Equipment: Gross Weight 84,000 lbs. Size 27'L x 30'W x 44'H

5. Utilities required: x Electrical power (440 VAC, 3 Phase, 60 Hz)
   x Compressed air x Potable water _ Steam
   _ Fuel oil _ Compressed gas

6. Special _ foundation / _ shielding required.
   Estimated cost: $ N/A (Included in #3, above)

7. Environmental control(s) required: **None**

8. Feasibility to relocate/replicate at another site (fixed asset, only):
   X Relocatable _ Extremely difficult _ Impossible

9. The equipment was installed at the present site in 1986.
   Constructed: _ On site x In Shipyard and moved to site
   Purchased/Shipped: _ Fully assembled _ Broken down for transport
   Transported to site via: _ Truck _ Rail _ Barge x Crane

10. The equipment supports:
    Products:
    - x 1.1 Undersea
    - _ 1.3 Surface Ship
    - _ 2.1 Gun Systems
    - _ 2.2 Guided Missiles
    - _ 2.8 Launchers
    - _ 2.9 Fire Control
    - _ 3. Combat Systems
    - _ 5.1 Sonar
    - _ 5.2 Radar
    - _ 6.1 & 6.3 Navigation
    - _ 7.1 & 7.3 C^3I
    - x 9.1 Strategic Systems
    - _ 10.6 Crew equipment

    Functions: x Modernization x Repair
    _ Retirement _ Testing

11. Historical utilization - average hours - past five fiscal years:
    FY 89 4,000 FY 90 0 FY 91 0 FY 92 0 FY 93 0

12. Projected utilization - average hours - to FY 97:
    FY 94 0 FY 95 0 FY 96 0 FY 97 0

13. Approximate number of personnel required to operate the equipment: N/A

14. Approximate number of manhours required to maintain the equipment: 40

Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITY/EQUIPMENT CAPABILITY FORM

Activity Name:	**Puget Sound Naval Shipyard (N00251)**
Equipment Nomenclature NID Number	**ENCLOSURE, SUBMARINE HULL TREATMENT** **N00251-048938**

1. Primary purpose(s) of the equipment:
   Environmental control enclosure for application of submarine hull tiles
   (Currently used as sandblast enclosure for recycle work)
2. The equipment is: x Portable _ Moveable _ Fixed
3. Replacement cost (excludes building and utilities): $ 638,322
4. Equipment: Gross Weight 84,000 lbs. Size 27'L x 30'W x 44'H
5. Utilities required: x Electrical power (440 VAC, 3 Phase, 60 Hz)
   x Compressed air x Potable water _ Steam
   _ Fuel oil _ Compressed gas
6. Special _ foundation / _ shielding required.
   Estimated cost: $ N/A (Included in #3, above)
7. Environmental control(s) required: None
8. Feasibility to relocate/replicate at another site (fixed asset, only):
   X Relocatable _ Extremely difficult _ Impossible
9. The equipment was installed at the present site in 1986.
   Constructed: _ On site x In Shipyard and moved to site
   Purchased/Shipped: _ Fully assembled _ Broken down for transport
   Transported to site via: _ Truck _ Rail _ Barge x Crane
10. The equipment supports:
    Products:
    x 1.1 Undersea
    _ 1.3 Surface Ship
    _ 2.1 Gun Systems
    _ 2.2 Guided Missiles
    _ 2.8 Launchers
    _ 2.9 Fire Control
    _ 3. Combat Systems
    _ 5.1 Sonar
    _ 5.2 Radar
    _ 6.1 & 6.3 Navigation
    _ 7.1 & 7.3 C^3I
    x 9.1 Strategic Systems
    _ 10.6 Crew equipment

    Functions:
    x Modernization
    _ Retirement
    x Repair
    _ Testing
11. Historical utilization - average hours - past five fiscal years:
    FY 89 4,000 FY 90 0 FY 91 0 FY 92 0 FY 93 0
12. Projected utilization - average hours - to FY 97:
    FY 94 6,000 FY 95 6,000 FY 96 6,000 FY 97 6,000
13. Approximate number of personnel required to operate the equipment: N/A
14. Approximate number of manhours required to maintain the equipment: 40

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Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITY/EQUIPMENT CAPABILITY FORM

Activity Name:	**Puget Sound Naval Shipyard (N00251)**
Equipment Nomenclature NID Number	**ENCLOSURE, SUBMARINE HULL TREATMENT** **N00251-048939**

1. Primary purpose(s) of the equipment:
   Environmental control enclosure for application of submarine hull tiles

2. The equipment is: x Portable _ Moveable _ Fixed

3. Replacement cost (excludes building and utilities): $ **638,322**

4. Equipment: Gross Weight **84,000** lbs. Size **27**'L x **30**'W x **44**'H

5. Utilities required: x Electrical power (**440** VAC, **3** Phase, 60 Hz)
   x Compressed air x Potable water _ Steam
   _ Fuel oil _ Compressed gas

6. Special _ foundation / _ shielding required.
   Estimated cost: $ **N/A** (Included in #3, above)

7. Environmental control(s) required: **None**

8. Feasibility to relocate/replicate at another site (fixed asset, only):
   X Relocatable _ Extremely difficult _ Impossible

9. The equipment was installed at the present site in 1986.
   Constructed: _ On site x In Shipyard and moved to site
   Purchased/Shipped: _ Fully assembled _ Broken down for transport
   Transported to site via: _ Truck _ Rail _ Barge x Crane

10. The equipment supports:

Products:		
	x 1.1 Undersea	_ 5.1 Sonar
	_ 1.3 Surface Ship	_ 5.2 Radar
	_ 2.1 Gun Systems	_ 6.1 & 6.3 Navigation
	_ 2.2 Guided Missiles	_ 7.1 & 7.3 C^3I
	_ 2.8 Launchers	x 9.1 Strategic Systems
	_ 2.9 Fire Control	
	_ 3. Combat Systems	_ 10.6 Crew equipment

Functions:		
	x Modernization	x Repair
	_ Retirement	_ Testing

11. Historical utilization - average hours - past five fiscal years:
    FY 89 **4,000** FY 90 **0** FY 91 **0** FY 92 **0** FY 93 **0**

12. Projected utilization - average hours - to FY 97:
    FY 94 **0** FY 95 **0** FY 96 **0** FY 97 **0**

13. Approximate number of personnel required to operate the equipment: **N/A**

14. Approximate number of manhours required to maintain the equipment: **40**

Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITY/EQUIPMENT CAPABILITY FORM

Activity Name:	**Puget Sound Naval Shipyard (N00251)**
Equipment Nomenclature NID Number	**ENCLOSURE, SUBMARINE HULL TREATMENT** **N00251-048940**

1. Primary purpose(s) of the equipment:
   Environmental control enclosure for application of submarine hull tiles

2. The equipment is: x Portable _ Moveable _ Fixed

3. Replacement cost (excludes building and utilities): $ **638,322**

4. Equipment: Gross Weight **84,000** lbs. Size **27**'L x **30**'W x **44**'H

5. Utilities required: x Electrical power (**440** VAC, **3** Phase, 60 Hz)
   x Compressed air x Potable water _ Steam
   _ Fuel oil _ Compressed gas

6. Special _ foundation / _ shielding required.
   Estimated cost: $ **N/A** (Included in #3, above)

7. Environmental control(s) required: **None**

8. Feasibility to relocate/replicate at another site (fixed asset, only):
   x Relocatable _ Extremely difficult _ Impossible

9. The equipment was installed at the present site in 19**86**.
   Constructed: _ On site x In Shipyard and moved to site
   Purchased/Shipped: _ Fully assembled _ Broken down for transport
   Transported to site via: _ Truck _ Rail _ Barge x Crane

10. The equipment supports:
    Products:
    - x 1.1 Undersea
    - _ 1.3 Surface Ship
    - _ 2.1 Gun Systems
    - _ 2.2 Guided Missiles
    - _ 2.8 Launchers
    - _ 2.9 Fire Control
    - _ 3. Combat Systems
    - _ 5.1 Sonar
    - _ 5.2 Radar
    - _ 6.1 & 6.3 Navigation
    - _ 7.1 & 7.3 C^3I
    - x 9.1 Strategic Systems
    - _ 10.6 Crew equipment

    Functions: x Modernization x Repair
    _ Retirement _ Testing

11. Historical utilization - average hours - past five fiscal years:
    FY 89 **4,000** FY 90 **0** FY 91 **0** FY 92 **0** FY 93 **0**

12. Projected utilization - average hours - to FY 97:
    FY 94 **0** FY 95 **0** FY 96 **0** FY 97 **0**

13. Approximate number of personnel required to operate the equipment: **N/A**

14. Approximate number of manhours required to maintain the equipment: **40**

Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITY/EQUIPMENT CAPABILITY FORM

Activity Name:	**Puget Sound Naval Shipyard (N00251)**
Equipment Nomenclature NID Number	**ENCLOSURE, SUBMARINE HULL TREATMENT** **N00251-048942**

1. Primary purpose(s) of the equipment:
   Environmental control enclosure for application of submarine hull tiles

2. The equipment is: x Portable _ Moveable _ Fixed

3. Replacement cost (excludes building and utilities): $ 638,322

4. Equipment: Gross Weight 84,000 lbs. Size 27'L x 30'W x 44'H

5. Utilities required: x Electrical power (440 VAC, 3 Phase, 60 Hz)
   x Compressed air x Potable water _ Steam
   _ Fuel oil _ Compressed gas

6. Special _ foundation / _ shielding required.
   Estimated cost: $ N/A (Included in #3, above)

7. Environmental control(s) required: **None**

8. Feasibility to relocate/replicate at another site (fixed asset, only):
   X Relocatable _ Extremely difficult _ Impossible

9. The equipment was installed at the present site in 1986.
   Constructed: _ On site x In Shipyard and moved to site
   Purchased/Shipped: _ Fully assembled _ Broken down for transport
   Transported to site via: _ Truck _ Rail _ Barge x Crane

10. The equipment supports:
    Products:
    - x 1.1 Undersea
    - _ 1.3 Surface Ship
    - _ 2.1 Gun Systems
    - _ 2.2 Guided Missiles
    - _ 2.8 Launchers
    - _ 2.9 Fire Control
    - _ 3. Combat Systems
    - _ 5.1 Sonar
    - _ 5.2 Radar
    - _ 6.1 & 6.3 Navigation
    - _ 7.1 & 7.3 C^3I
    - x 9.1 Strategic Systems
    - _ 10.6 Crew equipment

    Functions: x Modernization x Repair _ Retirement _ Testing

11. Historical utilization - average hours - past five fiscal years:
    FY 89 4,000 FY 90 0 FY 91 0 FY 92 0 FY 93 0

12. Projected utilization - average hours - to FY 97:
    FY 94 0 FY 95 0 FY 96 0 FY 97 0

13. Approximate number of personnel required to operate the equipment: N/A

14. Approximate number of manhours required to maintain the equipment: 40

Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITY/EQUIPMENT CAPABILITY FORM

Activity Name:	**Puget Sound Naval Shipyard (N00251)**
Equipment Nomenclature NID Number	**ENCLOSURE, SUBMARINE HULL TREATMENT** **N00251-048944**

1. Primary purpose(s) of the equipment:
   Environmental control enclosure for application of submarine hull tiles

2. The equipment is: x Portable _ Moveable _ Fixed

3. Replacement cost (excludes building and utilities): $ 638,322

4. Equipment: Gross Weight 84,000 lbs. Size 27'L x 30'W x 44'H

5. Utilities required: x Electrical power (440 VAC, 3 Phase, 60 Hz)
   x Compressed air x Potable water _ Steam
   _ Fuel oil _ Compressed gas

6. Special _ foundation / _ shielding required.
   Estimated cost: $ N/A (Included in #3, above)

7. Environmental control(s) required: **None**

8. Feasibility to relocate/replicate at another site (fixed asset, only):
   X Relocatable _ Extremely difficult _ Impossible

9. The equipment was installed at the present site in 1986.
   Constructed: _ On site x In Shipyard and moved to site
   Purchased/Shipped: _ Fully assembled _ Broken down for transport
   Transported to site via: _ Truck _ Rail _ Barge x Crane

10. The equipment supports:
    Products:
    - x 1.1 Undersea
    - _ 1.3 Surface Ship
    - _ 2.1 Gun Systems
    - _ 2.2 Guided Missiles
    - _ 2.8 Launchers
    - _ 2.9 Fire Control
    - _ 3. Combat Systems
    - _ 5.1 Sonar
    - _ 5.2 Radar
    - _ 6.1 & 6.3 Navigation
    - _ 7.1 & 7.3 C^3I
    - x 9.1 Strategic Systems
    - _ 10.6 Crew equipment

    Functions: x Modernization x Repair
    _ Retirement _ Testing

11. Historical utilization - average hours - past five fiscal years:
    FY 89 4,000 FY 90 0 FY 91 0 FY 92 0 FY 93 0

12. Projected utilization - average hours - to FY 97:
    FY 94 0 FY 95 0 FY 96 0 FY 97 0

13. Approximate number of personnel required to operate the equipment: N/A

14. Approximate number of manhours required to maintain the equipment: 40

Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITY/EQUIPMENT CAPABILITY FORM

Activity Name:	**Puget Sound Naval Shipyard (N00251)**
Equipment Nomenclature NID Number	**BOILER, STEAM, SHID MOUNTED** **N00251-049738**

1. Primary purpose(s) of the equipment:
   Supply steam for ship testing

2. The equipment is: _ Portable x Moveable _ Fixed

3. Replacement cost (excludes building and utilities): $1,261,755

4. Equipment: Gross Weight 200,000(e) lbs. Size 44'L x 13'W x 16'H

5. Utilities required: x Electrical power (120 VAC, 3 Phase, 60 Hz)
   _ Compressed air _ Potable water _ Steam
   x Fuel oil _ Compressed gas

6. Special _ foundation / _ shielding required.
   Estimated cost: $ N/A (Included in #3, above)

7. Environmental control(s) required: **None**

8. Feasibility to relocate/replicate at another site (fixed asset, only):
   X Relocatable _ Extremely difficult _ Impossible

9. The equipment was installed at the present site in 1985.
   Constructed: _ On site _ In Shipyard and moved to site
   Purchased/Shipped: x Fully assembled _ Broken down for transport
   Transported to site via: x Truck _ Rail _ Barge x Crane

10. The equipment supports:
    Products:
    x 1.1 Undersea
    x 1.3 Surface Ship
    _ 2.1 Gun Systems
    _ 2.2 Guided Missiles
    _ 2.8 Launchers
    _ 2.9 Fire Control
    _ 3. Combat Systems
    _ 5.1 Sonar
    _ 5.2 Radar
    _ 6.1 & 6.3 Navigation
    _ 7.1 & 7.3 C^3I
    x 9.1 Strategic Systems
    _ 10.6 Crew equipment

    Functions: x Modernization x Repair
    _ Retirement _ Testing

11. Historical utilization - average hours - past five fiscal years:
    FY 89 1,000 FY 90 1,000 FY 91 1,000 FY 92 1,000 FY 93 1,000

12. Projected utilization - average hours - to FY 97:
    FY 94 0 FY 95 0 FY 96 0 FY 97 0

13. Approximate number of personnel required to operate the equipment: 7

14. Approximate number of manhours required to maintain the equipment: 1,000

Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITY/EQUIPMENT CAPABILITY FORM

Activity Name:	**Puget Sound Naval Shipyard (N00251)**
Equipment Nomenclature NID Number	**BOILER, STEAM, SKID MOUNTED** **N00251-049739**

1. Primary purpose(s) of the equipment:
   Provide steam for ship testing

2. The equipment is: _ Portable x Moveable _ Fixed

3. Replacement cost (excludes building and utilities): $ 793,656

4. Equipment: Gross Weight 200,000(e) lbs. Size 44'L x 13'W x 16'H

5. Utilities required: x Electrical power (120 VAC, 3 Phase, 60 Hz)
   _ Compressed air _ Potable water _ Steam
   x Fuel oil _ Compressed gas

6. Special _ foundation / _ shielding required.
   Estimated cost: $ N/A (Included in #3, above)

7. Environmental control(s) required: **None**

8. Feasibility to relocate/replicate at another site (fixed asset, only):
   X Relocatable _ Extremely difficult _ Impossible

9. The equipment was installed at the present site in 1985.
   Constructed: _ On site x In Shipyard and moved to site
   Purchased/Shipped: _ Fully assembled _ Broken down for transport
   Transported to site via: _ Truck _ Rail _ Barge x Crane

10. The equipment supports:
    Products:
    x 1.1 Undersea
    x 1.3 Surface Ship
    _ 2.1 Gun Systems
    _ 2.2 Guided Missiles
    _ 2.8 Launchers
    _ 2.9 Fire Control
    _ 3. Combat Systems
    _ 5.1 Sonar
    _ 5.2 Radar
    _ 6.1 & 6.3 Navigation
    _ 7.1 & 7.3 C^3I
    x 9.1 Strategic Systems
    _ 10.6 Crew equipment

    Functions: x Modernization x Repair
    _ Retirement _ Testing

11. Historical utilization - average hours - past five fiscal years:
    FY 89 1,000 FY 90 1,000 FY 91 1,000 FY 92 1,000 FY 93 1,000

12. Projected utilization - average hours - to FY 97:
    FY 94 0 FY 95 0 FY 96 0 FY 97 0

13. Approximate number of personnel required to operate the equipment: 7

14. Approximate number of manhours required to maintain the equipment: 1,000

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Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITY/EQUIPMENT CAPABILITY FORM

Activity Name:	**Puget Sound Naval Shipyard (N00251)**
Equipment Nomenclature NID Number	**ENCLOSURE, SUBMARINE HULL TREATMENT** **N00251-104722**

1. Primary purpose(s) of the equipment:
   Environmental control enclosure for application of submarine hull tiles

2. The equipment is: x Portable _ Moveable _ Fixed

3. Replacement cost (excludes building and utilities): $ **511,634**

4. Equipment: Gross Weight **84,000** lbs. Size **27**'L x **30**'W x **44**'H

5. Utilities required: x Electrical power (**440** VAC, **3** Phase, 60 Hz)
   x Compressed air x Potable water _ Steam
   _ Fuel oil _ Compressed gas

6. Special _ foundation / _ shielding required.
   Estimated cost: $ **N/A** (Included in #3, above)

7. Environmental control(s) required: **None**

8. Feasibility to relocate/replicate at another site (fixed asset, only):
   X Relocatable _ Extremely difficult _ Impossible

9. The equipment was installed at the present site in 1986.
   Constructed: _ On site x In Shipyard and moved to site
   Purchased/Shipped: _ Fully assembled _ Broken down for transport
   Transported to site via: _ Truck _ Rail _ Barge x Crane

10. The equipment supports:
    Products:
    - x 1.1 Undersea
    - _ 1.3 Surface Ship
    - _ 2.1 Gun Systems
    - _ 2.2 Guided Missiles
    - _ 2.8 Launchers
    - _ 2.9 Fire Control
    - _ 3. Combat Systems
    - _ 5.1 Sonar
    - _ 5.2 Radar
    - _ 6.1 & 6.3 Navigation
    - _ 7.1 & 7.3 C^3I
    - x 9.1 Strategic Systems
    - _ 10.6 Crew equipment

    Functions: x Modernization x Repair _ Retirement _ Testing

11. Historical utilization - average hours - past five fiscal years:
    FY 89 **4,000** FY 90 **0** FY 91 **0** FY 92 **0** FY 93 **0**

12. Projected utilization - average hours - to FY 97:
    FY 94 **0** FY 95 **0** FY 96 **0** FY 97 **0**

13. Approximate number of personnel required to operate the equipment: **N/A**

14. Approximate number of manhours required to maintain the equipment: **40**

Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITY/EQUIPMENT CAPABILITY FORM

Activity Name:	**Puget Sound Naval Shipyard (N00251)**
Equipment Nomenclature NID Number	**ENCLOSURE, SUBMARINE HULL TREATMENT** **N00251-104723**

1. Primary purpose(s) of the equipment:
   Environmental control enclosure for application of submarine hull tiles

2. The equipment is: x Portable _ Moveable _ Fixed

3. Replacement cost (excludes building and utilities): $ **511,634**

4. Equipment: Gross Weight **84,000** lbs. Size **27**'L x **30**'W x **44**'H

5. Utilities required: x Electrical power (**440** VAC, **3** Phase, 60 Hz)
   x Compressed air x Potable water _ Steam
   _ Fuel oil _ Compressed gas

6. Special _ foundation / _ shielding required.
   Estimated cost: $ **N/A** (Included in #3, above)

7. Environmental control(s) required: **None**

8. Feasibility to relocate/replicate at another site (fixed asset, only):
   x Relocatable _ Extremely difficult _ Impossible

9. The equipment was installed at the present site in 1986.
   Constructed: _ On site x In Shipyard and moved to site
   Purchased/Shipped: _ Fully assembled _ Broken down for transport
   Transported to site via: _ Truck _ Rail _ Barge x Crane

10. The equipment supports:
    Products:
    - x 1.1 Undersea
    - _ 1.3 Surface Ship
    - _ 2.1 Gun Systems
    - _ 2.2 Guided Missiles
    - _ 2.8 Launchers
    - _ 2.9 Fire Control
    - _ 3. Combat Systems
    - _ 5.1 Sonar
    - _ 5.2 Radar
    - _ 6.1 & 6.3 Navigation
    - _ 7.1 & 7.3 C^3I
    - x 9.1 Strategic Systems
    - _ 10.6 Crew equipment

    Functions: x Modernization x Repair
    _ Retirement _ Testing

11. Historical utilization - average hours - past five fiscal years:
    FY 89 **4,000** FY 90 **0** FY 91 **0** FY 92 **0** FY 93 **0**

12. Projected utilization - average hours - to FY 97:
    FY 94 **0** FY 95 **0** FY 96 **0** FY 97 **0**

13. Approximate number of personnel required to operate the equipment: **N/A**

14. Approximate number of manhours required to maintain the equipment: **40**

Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITY/EQUIPMENT CAPABILITY FORM

Activity Name:	**Puget Sound Naval Shipyard (N00251)**
Equipment Nomenclature NID Number	**ENCLOSURE, SUBMARINE HULL TREATMENT** **N00251-104724**

1. Primary purpose(s) of the equipment:
   Environmental control enclosure for application of submarine hull tiles

2. The equipment is: x Portable _ Moveable _ Fixed

3. Replacement cost (excludes building and utilities): $ 511,634

4. Equipment: Gross Weight 84,000 lbs. Size 27'L x 30'W x 44'H

5. Utilities required: x Electrical power (440 VAC, 3 Phase, 60 Hz)
   x Compressed air x Potable water _ Steam
   _ Fuel oil _ Compressed gas

6. Special _ foundation / _ shielding required.
   Estimated cost: $ N/A (Included in #3, above)

7. Environmental control(s) required: **None**

8. Feasibility to relocate/replicate at another site (fixed asset, only):
   X Relocatable _ Extremely difficult _ Impossible

9. The equipment was installed at the present site in 1986.
   Constructed: _ On site x In Shipyard and moved to site
   Purchased/Shipped: _ Fully assembled _ Broken down for transport
   Transported to site via: _ Truck _ Rail _ Barge x Crane

10. The equipment supports:
    Products:
    - x 1.1 Undersea
    - _ 1.3 Surface Ship
    - _ 2.1 Gun Systems
    - _ 2.2 Guided Missiles
    - _ 2.8 Launchers
    - _ 2.9 Fire Control
    - _ 3. Combat Systems
    - _ 5.1 Sonar
    - _ 5.2 Radar
    - _ 6.1 & 6.3 Navigation
    - _ 7.1 & 7.3 C^3I
    - x 9.1 Strategic Systems
    - _ 10.6 Crew equipment

    Functions: x Modernization x Repair
    _ Retirement _ Testing

11. Historical utilization - average hours - past five fiscal years:
    FY 89 4,000 FY 90 0 FY 91 0 FY 92 0 FY 93 0

12. Projected utilization - average hours - to FY 97:
    FY 94 0 FY 95 0 FY 96 0 FY 97 0

13. Approximate number of personnel required to operate the equipment: N/A

14. Approximate number of manhours required to maintain the equipment: 40

Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITY/EQUIPMENT CAPABILITY FORM

Activity Name:	**Puget Sound Naval Shipyard (N00251)**
Equipment Nomenclature NID Number	**ENCLOSURE, SUBMARINE HULL TREATMENT** **N00251-104725**

1. Primary purpose(s) of the equipment:
   Environmental control enclosure for application of submarine hull tiles
   (Currently used as sandblast enclosure for recycle work)
2. The equipment is: x Portable _ Moveable _ Fixed
3. Replacement cost (excludes building and utilities): $ 511,634
4. Equipment: Gross Weight 84,000 lbs. Size 27'L x 30'W x 44'H
5. Utilities required: x Electrical power (440 VAC, 3 Phase, 60 Hz)
   x Compressed air x Potable water _ Steam
   _ Fuel oil _ Compressed gas
6. Special _ foundation / _ shielding required.
   Estimated cost: $ N/A (Included in #3, above)
7. Environmental control(s) required: **None**
8. Feasibility to relocate/replicate at another site (fixed asset, only):
   X Relocatable _ Extremely difficult _ Impossible
9. The equipment was installed at the present site in 1986.
   Constructed: _ On site x In Shipyard and moved to site
   Purchased/Shipped: _ Fully assembled _ Broken down for transport
   Transported to site via: _ Truck _ Rail _ Barge x Crane
10. The equipment supports:
    Products:
    - x 1.1 Undersea
    - _ 1.3 Surface Ship
    - _ 2.1 Gun Systems
    - _ 2.2 Guided Missiles
    - _ 2.8 Launchers
    - _ 2.9 Fire Control
    - _ 3. Combat Systems
    - _ 5.1 Sonar
    - _ 5.2 Radar
    - _ 6.1 & 6.3 Navigation
    - _ 7.1 & 7.3 C^3I
    - x 9.1 Strategic Systems
    - _ 10.6 Crew equipment

    Functions: x Modernization x Repair _ Retirement _ Testing
11. Historical utilization - average hours - past five fiscal years:
    FY 89 4,000 FY 90 0 FY 91 0 FY 92 0 FY 93 0
12. Projected utilization - average hours - to FY 97:
    FY 94 6,000 FY 95 6,000 FY 96 6,000 FY 97 6,000
13. Approximate number of personnel required to operate the equipment: N/A
14. Approximate number of manhours required to maintain the equipment: 40

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Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITY/EQUIPMENT CAPABILITY FORM

Activity Name:	**Puget Sound Naval Shipyard (N00251)**
Equipment Nomenclature NID Number	**ENCLOSURE, SUBMARINE HULL TREATMENT** **N00251-104726**

1. Primary purpose(s) of the equipment:
   Environmental control enclosure for application of submarine hull tiles

2. The equipment is: x Portable _ Moveable _ Fixed

3. Replacement cost (excludes building and utilities): $ **511,634**

4. Equipment: Gross Weight **84,000** lbs. Size **27**'L x **30**'W x **44**'H

5. Utilities required: x Electrical power (**440** VAC, **3** Phase, 60 Hz)
   x Compressed air x Potable water _ Steam
   _ Fuel oil _ Compressed gas

6. Special _ foundation / _ shielding required.
   Estimated cost: $ **N/A** (Included in #3, above)

7. Environmental control(s) required: **None**

8. Feasibility to relocate/replicate at another site (fixed asset, only):
   X Relocatable _ Extremely difficult _ Impossible

9. The equipment was installed at the present site in 1986.
   Constructed: _ On site x In Shipyard and moved to site
   Purchased/Shipped: _ Fully assembled _ Broken down for transport
   Transported to site via: _ Truck _ Rail _ Barge x Crane

10. The equipment supports:
    Products:
    - x 1.1 Undersea
    - _ 1.3 Surface Ship
    - _ 2.1 Gun Systems
    - _ 2.2 Guided Missiles
    - _ 2.8 Launchers
    - _ 2.9 Fire Control
    - _ 3. Combat Systems
    - _ 5.1 Sonar
    - _ 5.2 Radar
    - _ 6.1 & 6.3 Navigation
    - _ 7.1 & 7.3 C^3I
    - x 9.1 Strategic Systems
    - _ 10.6 Crew equipment

    Functions: x Modernization x Repair
    _ Retirement _ Testing

11. Historical utilization - average hours - past five fiscal years:
    FY 89 **4,000** FY 90 **0** FY 91 **0** FY 92 **0** FY 93 **0**

12. Projected utilization - average hours - to FY 97:
    FY 94 **0** FY 95 **0** FY 96 **0** FY 97 **0**

13. Approximate number of personnel required to operate the equipment: **N/A**

14. Approximate number of manhours required to maintain the equipment: **40**

Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITY/EQUIPMENT CAPABILITY FORM

Activity Name:	**Puget Sound Naval Shipyard (N00251)**
Equipment Nomenclature NID Number	**ENCLOSURE, SUBMARINE HULL TREATMENT** **N00251-104727**

1. Primary purpose(s) of the equipment:
   Environmental control enclosure for application of submarine hull tiles

2. The equipment is: x Portable _ Moveable _ Fixed

3. Replacement cost (excludes building and utilities): $ 511,634

4. Equipment: Gross Weight 84,000 lbs. Size 27'L x 30'W x 44'H

5. Utilities required: x Electrical power (440 VAC, 3 Phase, 60 Hz)
   x Compressed air x Potable water _ Steam
   _ Fuel oil _ Compressed gas

6. Special _ foundation / _ shielding required.
   Estimated cost: $ N/A (Included in #3, above)

7. Environmental control(s) required: None

8. Feasibility to relocate/replicate at another site (fixed asset, only):
   X Relocatable _ Extremely difficult _ Impossible

9. The equipment was installed at the present site in 1986.
   Constructed: _ On site x In Shipyard and moved to site
   Purchased/Shipped: _ Fully assembled _ Broken down for transport
   Transported to site via: _ Truck _ Rail _ Barge x Crane

10. The equipment supports:
    Products:
    - x 1.1 Undersea
    - _ 1.3 Surface Ship
    - _ 2.1 Gun Systems
    - _ 2.2 Guided Missiles
    - _ 2.8 Launchers
    - _ 2.9 Fire Control
    - _ 3. Combat Systems
    - _ 5.1 Sonar
    - _ 5.2 Radar
    - _ 6.1 & 6.3 Navigation
    - _ 7.1 & 7.3 C^3I
    - x 9.1 Strategic Systems
    - _ 10.6 Crew equipment

    Functions: x Modernization x Repair
    _ Retirement _ Testing

11. Historical utilization - average hours - past five fiscal years:
    FY 89 4,000 FY 90 0 FY 91 0 FY 92 0 FY 93 0

12. Projected utilization - average hours - to FY 97:
    FY 94 0 FY 95 0 FY 96 0 FY 97 0

13. Approximate number of personnel required to operate the equipment: N/A

14. Approximate number of manhours required to maintain the equipment: 40

Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITY/EQUIPMENT CAPABILITY FORM

Activity Name:	**Puget Sound Naval Shipyard (N00251)**
Equipment Nomenclature NID Number	**ENCLOSURE, SUBMARINE HULL TREATMENT** **N00251-104728**

1. Primary purpose(s) of the equipment:
   Environmental control enclosure for application of submarine hull tiles

2. The equipment is: x Portable _ Moveable _ Fixed

3. Replacement cost (excludes building and utilities): $ **511,634**

4. Equipment: Gross Weight **84,000** lbs. Size **27**'L x **30**'W x **44**'H

5. Utilities required: x Electrical power (**440** VAC, **3** Phase, 60 Hz)
   x Compressed air x Potable water _ Steam
   _ Fuel oil _ Compressed gas

6. Special _ foundation / _ shielding required.
   Estimated cost: $ **N/A** (Included in #3, above)

7. Environmental control(s) required: **None**

8. Feasibility to relocate/replicate at another site (fixed asset, only):
   X Relocatable _ Extremely difficult _ Impossible

9. The equipment was installed at the present site in 19**86**.
   Constructed: _ On site x In Shipyard and moved to site
   Purchased/Shipped: _ Fully assembled _ Broken down for transport
   Transported to site via: _ Truck _ Rail _ Barge x Crane

10. The equipment supports:
    Products:
    - x 1.1 Undersea
    - _ 1.3 Surface Ship
    - _ 2.1 Gun Systems
    - _ 2.2 Guided Missiles
    - _ 2.8 Launchers
    - _ 2.9 Fire Control
    - _ 3. Combat Systems
    - _ 5.1 Sonar
    - _ 5.2 Radar
    - _ 6.1 & 6.3 Navigation
    - _ 7.1 & 7.3 C^3I
    - x 9.1 Strategic Systems
    - _ 10.6 Crew equipment

    Functions: x Modernization x Repair
    _ Retirement _ Testing

11. Historical utilization - average hours - past five fiscal years:
    FY 89 **4,000** FY 90 **0** FY 91 **0** FY 92 **0** FY 93 **0**

12. Projected utilization - average hours - to FY 97:
    FY 94 **0** FY 95 **0** FY 96 **0** FY 97 **0**

13. Approximate number of personnel required to operate the equipment: **N/A**

14. Approximate number of manhours required to maintain the equipment: **40**

Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITY/EQUIPMENT CAPABILITY FORM

Activity Name:	**Puget Sound Naval Shipyard (N00251)**
Equipment Nomenclature NID Number	**ENCLOSURE, SUBMARINE HULL TREATMENT** **N00251-104729**

1. Primary purpose(s) of the equipment:
   Environmental control enclosure for application of submarine hull tiles
   (Currently used as sandblast enclosure for recycle work)
2. The equipment is: x Portable _ Moveable _ Fixed
3. Replacement cost (excludes building and utilities): $ 511,634
4. Equipment: Gross Weight 84,000 lbs. Size 27'L x 30'W x 44'H
5. Utilities required: x Electrical power (440 VAC, 3 Phase, 60 Hz)
   x Compressed air x Potable water _ Steam
   _ Fuel oil _ Compressed gas
6. Special _ foundation / _ shielding required.
   Estimated cost: $ N/A (Included in #3, above)
7. Environmental control(s) required: **None**
8. Feasibility to relocate/replicate at another site (fixed asset, only):
   X Relocatable _ Extremely difficult _ Impossible
9. The equipment was installed at the present site in 1986.
   Constructed: _ On site x In Shipyard and moved to site
   Purchased/Shipped: _ Fully assembled _ Broken down for transport
   Transported to site via: _ Truck _ Rail _ Barge x Crane
10. The equipment supports:
    Products:
    - x 1.1 Undersea
    - _ 1.3 Surface Ship
    - _ 2.1 Gun Systems
    - _ 2.2 Guided Missiles
    - _ 2.8 Launchers
    - _ 2.9 Fire Control
    - _ 3. Combat Systems
    - _ 5.1 Sonar
    - _ 5.2 Radar
    - _ 6.1 & 6.3 Navigation
    - _ 7.1 & 7.3 C^3I
    - x 9.1 Strategic Systems
    - _ 10.6 Crew equipment

    Functions: x Modernization x Repair _ Retirement _ Testing
11. Historical utilization - average hours - past five fiscal years:
    FY 89 4,000 FY 90 0 FY 91 0 FY 92 0 FY 93 0
12. Projected utilization - average hours - to FY 97:
    FY 94 6,000 FY 95 6,000 FY 96 6,000 FY 97 6,000
13. Approximate number of personnel required to operate the equipment: N/A
14. Approximate number of manhours required to maintain the equipment: 40

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Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITY/EQUIPMENT CAPABILITY FORM

Activity Name:	**Puget Sound Naval Shipyard (N00251)**
Equipment Nomenclature NID Number	**ENCLOSURE, SUBMARINE HULL TREATMENT** **N00251-104730**

1. Primary purpose(s) of the equipment:
   Environmental control enclosure for application of submarine hull tiles

2. The equipment is: x Portable _ Moveable _ Fixed

3. Replacement cost (excludes building and utilities): $ **511,634**

4. Equipment: Gross Weight **84,000** lbs. Size **27**'L x **30**'W x **44**'H

5. Utilities required: x Electrical power (**440** VAC, **3** Phase, 60 Hz)
   x Compressed air x Potable water _ Steam
   _ Fuel oil _ Compressed gas

6. Special _ foundation / _ shielding required.
   Estimated cost: $ **N/A** (Included in #3, above)

7. Environmental control(s) required: **None**

8. Feasibility to relocate/replicate at another site (fixed asset, only):
   X Relocatable _ Extremely difficult _ Impossible

9. The equipment was installed at the present site in 19**86**.
   Constructed: _ On site x In Shipyard and moved to site
   Purchased/Shipped: _ Fully assembled _ Broken down for transport
   Transported to site via: _ Truck _ Rail _ Barge x Crane

10. The equipment supports:
    Products:
    - x 1.1 Undersea
    - _ 1.3 Surface Ship
    - _ 2.1 Gun Systems
    - _ 2.2 Guided Missiles
    - _ 2.8 Launchers
    - _ 2.9 Fire Control
    - _ 3. Combat Systems
    - _ 5.1 Sonar
    - _ 5.2 Radar
    - _ 6.1 & 6.3 Navigation
    - _ 7.1 & 7.3 C^3I
    - x 9.1 Strategic Systems
    - _ 10.6 Crew equipment

    Functions: x Modernization x Repair
    _ Retirement _ Testing

11. Historical utilization - average hours - past five fiscal years:
    FY 89 **4,000** FY 90 **0** FY 91 **0** FY 92 **0** FY 93 **0**

12. Projected utilization - average hours - to FY 97:
    FY 94 **0** FY 95 **0** FY 96 **0** FY 97 **0**

13. Approximate number of personnel required to operate the equipment: **N/A**

14. Approximate number of manhours required to maintain the equipment: **40**

Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITY/EQUIPMENT CAPABILITY FORM

Activity Name:	**Puget Sound Naval Shipyard (N00251)**
Equipment Nomenclature NID Number	**ENCLOSURE, SUBMARINE HULL TREATMENT** **N00251-104731**

1. Primary purpose(s) of the equipment:
   Environmental control enclosure for application of submarine hull tiles

2. The equipment is: x Portable _ Moveable _ Fixed

3. Replacement cost (excludes building and utilities): $ 511,634

4. Equipment: Gross Weight 84,000 lbs. Size 27'L x 30'W x 44'H

5. Utilities required: x Electrical power (440 VAC, 3 Phase, 60 Hz)
   x Compressed air x Potable water _ Steam
   _ Fuel oil _ Compressed gas

6. Special _ foundation / _ shielding required.
   Estimated cost: $ N/A (Included in #3, above)

7. Environmental control(s) required: **None**

8. Feasibility to relocate/replicate at another site (fixed asset, only):
   X Relocatable _ Extremely difficult _ Impossible

9. The equipment was installed at the present site in 1986.
   Constructed: _ On site x In Shipyard and moved to site
   Purchased/Shipped: _ Fully assembled _ Broken down for transport
   Transported to site via: _ Truck _ Rail _ Barge x Crane

10. The equipment supports:
    Products:
    - x 1.1 Undersea
    - _ 1.3 Surface Ship
    - _ 2.1 Gun Systems
    - _ 2.2 Guided Missiles
    - _ 2.8 Launchers
    - _ 2.9 Fire Control
    - _ 3. Combat Systems
    - _ 5.1 Sonar
    - _ 5.2 Radar
    - _ 6.1 & 6.3 Navigation
    - _ 7.1 & 7.3 C^3I
    - x 9.1 Strategic Systems
    - _ 10.6 Crew equipment

    Functions: x Modernization x Repair
    _ Retirement _ Testing

11. Historical utilization - average hours - past five fiscal years:
    FY 89 4,000 FY 90 0 FY 91 0 FY 92 0 FY 93 0

12. Projected utilization - average hours - to FY 97:
    FY 94 0 FY 95 0 FY 96 0 FY 97 0

13. Approximate number of personnel required to operate the equipment: N/A

14. Approximate number of manhours required to maintain the equipment: 40

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Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITY/EQUIPMENT CAPABILITY FORM

Activity Name:	**Puget Sound Naval Shipyard (N00251)**
Equipment Nomenclature NID Number	**BATTERY CHARGER, SUBMARINE** **N00251-104826**

1. Primary purpose(s) of the equipment:
   Used to charge, discharge, and test submarine batteries

2. The equipment is: _ Portable **x** Moveable _ Fixed

3. Replacement cost (excludes building and utilities): $ **678,711**

4. Equipment: Gross Weight **65,000** lbs. Size **40**'L x **8**'W x **9**'H

5. Utilities required: **x** Electrical power (**4,160** VAC, **3** Phase, 60 Hz)
   _ Compressed air _ Potable water _ Steam
   _ Fuel oil _ Compressed gas

6. Special _ foundation / _ shielding required.
   Estimated cost: $ **N/A** (Included in #3, above)

7. Environmental control(s) required: **None**

8. Feasibility to relocate/replicate at another site (fixed asset, only):
   X Relocatable _ Extremely difficult _ Impossible

9. The equipment was installed at the present site in 19**87**.
   Constructed: _ On site _ In Shipyard and moved to site
   Purchased/Shipped: **x** Fully assembled _ Broken down for transport
   Transported to site via: **x** Truck _ Rail _ Barge **x** Crane

10. The equipment supports:
    Products:
    x 1.1 Undersea
    _ 1.3 Surface Ship
    _ 2.1 Gun Systems
    _ 2.2 Guided Missiles
    _ 2.8 Launchers
    _ 2.9 Fire Control
    _ 3. Combat Systems
    _ 5.1 Sonar
    _ 5.2 Radar
    _ 6.1 & 6.3 Navigation
    _ 7.1 & 7.3 C^3I
    x 9.1 Strategic Systems
    _ 10.6 Crew equipment

    Functions:
    x Modernization
    x Retirement
    x Repair
    x Testing

11. Historical utilization - average hours - past five fiscal years:
    FY 89 **500** FY 90 **500** FY 91 **500** FY 92 **500** FY 93 **250**

12. Projected utilization - average hours - to FY 97:
    FY 94 **0** FY 95 **250** FY 96 **500** FY 97 **500**

13. Approximate number of personnel required to operate the equipment: **2**

14. Approximate number of manhours required to maintain the equipment: **40**

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Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITY/EQUIPMENT CAPABILITY FORM

Activity Name:	**Puget Sound Naval Shipyard (N00251)**
Equipment Nomenclature NID Number	**PRESS, PUNCH, TURRET** **N00251-104885**

1. Primary purpose(s) of the equipment:
   Punch and cut shapes/parts from metal sheets and plates to 1/2"

2. The equipment is: _ Portable x Moveable _ Fixed

3. Replacement cost (excludes building and utilities): $ 610,445

4. Equipment: Gross Weight 34,000(e) lbs. Size 18'L x 13'W x 8'H

5. Utilities required: x Electrical power (440 VAC, 3 Phase, 60 Hz)
   _ Compressed air _ Potable water _ Steam
   _ Fuel oil x Compressed gas

6. Special x foundation / _ shielding required.
   Estimated cost: $ 50,000 (Included in #3, above)

7. Environmental control(s) required: None

8. Feasibility to relocate/replicate at another site (fixed asset, only):
   X Relocatable _ Extremely difficult _ Impossible

9. The equipment was installed at the present site in 1989.
   Constructed: _ On site _ In Shipyard and moved to site
   Purchased/Shipped: _ Fully assembled x Broken down for transport
   Transported to site via: x Truck _ Rail _ Barge x Crane

10. The equipment supports:
    Products:
    x 1.1 Undersea
    x 1.3 Surface Ship
    _ 2.1 Gun Systems
    _ 2.2 Guided Missiles
    _ 2.8 Launchers
    _ 2.9 Fire Control
    _ 3. Combat Systems
    _ 5.1 Sonar
    _ 5.2 Radar
    _ 6.1 & 6.3 Navigation
    _ 7.1 & 7.3 C^3I
    x 9.1 Strategic Systems
    _ 10.6 Crew equipment

    Functions:
    x Modernization
    _ Retirement
    x Repair
    _ Testing

11. Historical utilization - average hours - past five fiscal years:
    FY 89 600 FY 90 1,200 FY 91 1,200 FY 92 1,200 FY 93 1,200

12. Projected utilization - average hours - to FY 97:
    FY 94 1,200 FY 95 1,200 FY 96 1,200 FY 97 1,200

13. Approximate number of personnel required to operate the equipment: 1

14. Approximate number of manhours required to maintain the equipment: 200

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Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITY/EQUIPMENT CAPABILITY FORM

Activity Name:	**Puget Sound Naval Shipyard (N00251)**
Equipment Nomenclature NID Number	**MILL, BORING HORIZONTAL, CNC** **N00251-104888**

1. Primary purpose(s) of the equipment:
   Milling/boring mechanical components

2. The equipment is: _ Portable x Moveable _ Fixed

3. Replacement cost (excludes building and utilities): $ 801,396

4. Equipment: Gross Weight 600,000(e) lbs. Size 18'L x 18'W x 18'H

5. Utilities required: x Electrical power (460 VAC, 3 Phase, 60 Hz)
   _ Compressed air _ Potable water _ Steam
   _ Fuel oil _ Compressed gas

6. Special x foundation / _ shielding required.
   Estimated cost: $ 75,000 (Included in #3, above)

7. Environmental control(s) required: **None**

8. Feasibility to relocate/replicate at another site (fixed asset, only):
   X Relocatable _ Extremely difficult _ Impossible

9. The equipment was installed at the present site in 1990.
   Constructed: _ On site _ In Shipyard and moved to site
   Purchased/Shipped: _ Fully assembled x Broken down for transport
   Transported to site via: x Truck _ Rail _ Barge x Crane

10. The equipment supports:
    Products:
    x 1.1 Undersea
    x 1.3 Surface Ship
    _ 2.1 Gun Systems
    _ 2.2 Guided Missiles
    _ 2.8 Launchers
    _ 2.9 Fire Control
    _ 3. Combat Systems
    _ 5.1 Sonar
    _ 5.2 Radar
    _ 6.1 & 6.3 Navigation
    _ 7.1 & 7.3 C^3I
    x 9.1 Strategic Systems
    _ 10.6 Crew equipment

    Functions: x Modernization x Repair
    _ Retirement _ Testing

11. Historical utilization - average hours - past five fiscal years:
    FY 89 N/A FY 90 N/A FY 91 200 FY 92 200 FY 93 200

12. Projected utilization - average hours - to FY 97:
    FY 94 1,040 FY 95 1,040 FY 96 1,040 FY 97 1,040

13. Approximate number of personnel required to operate the equipment: 1

14. Approximate number of manhours required to maintain the equipment: 20

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Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITY/EQUIPMENT CAPABILITY FORM

Activity Name:	**Puget Sound Naval Shipyard (N00251)**
Equipment Nomenclature NID Number	**GRINDER, CYLINDRICAL** **N00251-105227**

1. Primary purpose(s) of the equipment:
   Precision grinding of mechanical parts

2. The equipment is: _ Portable x Moveable _ Fixed

3. Replacement cost (excludes building and utilities): $2,029,979

4. Equipment: Gross Weight 192,000 lbs. Size 47'L x 18'W x 20'H

5. Utilities required: x Electrical power (230 VAC, 3 Phase, 60 Hz)
   _ Compressed air _ Potable water _ Steam
   _ Fuel oil _ Compressed gas

6. Special x foundation / _ shielding required.
   Estimated cost: $200,000 (Included in #3, above)

7. Environmental control(s) required: **None**

8. Feasibility to relocate/replicate at another site (fixed asset, only):
   X Relocatable _ Extremely difficult _ Impossible

9. The equipment was installed at the present site in 1990.
   Constructed: _ On site _ In Shipyard and moved to site
   Purchased/Shipped: _ Fully assembled x Broken down for transport
   Transported to site via: x Truck _ Rail _ Barge x Crane

10. The equipment supports:
    Products:
    - x 1.1 Undersea
    - x 1.3 Surface Ship
    - _ 2.1 Gun Systems
    - _ 2.2 Guided Missiles
    - _ 2.8 Launchers
    - _ 2.9 Fire Control
    - _ 3. Combat Systems
    - _ 5.1 Sonar
    - _ 5.2 Radar
    - _ 6.1 & 6.3 Navigation
    - _ 7.1 & 7.3 C^3I
    - x 9.1 Strategic Systems
    - _ 10.6 Crew equipment

    Functions: x Modernization x Repair
    _ Retirement _ Testing

11. Historical utilization - average hours - past five fiscal years:
    FY 89 N/A FY 90 N/A FY 91 80 FY 92 80 FY 93 80

12. Projected utilization - average hours - to FY 97:
    FY 94 240 FY 95 240 FY 96 240 FY 97 240

13. Approximate number of personnel required to operate the equipment: 1

14. Approximate number of manhours required to maintain the equipment: 20

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Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITY/EQUIPMENT CAPABILITY FORM

Activity Name:	**Puget Sound Naval Shipyard (N00251)**
Equipment Nomenclature NID Number	**HONING MACHINE, HORIZONTAL** **N00251-105228**

1. Primary purpose(s) of the equipment:
   Honing of large (32" dia)/long (to 25') bores in mechanical components

2. The equipment is: _ Portable **x** Moveable _ Fixed

3. Replacement cost (excludes building and utilities): $ **1,142,171**

4. Equipment: Gross Weight **63,000** lbs. Size **60**'L x **21**'W x **8**'H

5. Utilities required: **x** Electrical power (**230/460** VAC, **3** Phase, 60 Hz)
   _ Compressed air _ Potable water _ Steam
   _ Fuel oil _ Compressed gas

6. Special **x** foundation / _ shielding required.
   Estimated cost: $ **50,000** (Included in #3, above)

7. Environmental control(s) required: **None**

8. Feasibility to relocate/replicate at another site (fixed asset, only):
   X Relocatable _ Extremely difficult _ Impossible

9. The equipment was installed at the present site in 1992.
   Constructed: _ On site _ In Shipyard and moved to site
   Purchased/Shipped: _ Fully assembled **x** Broken down for transport
   Transported to site via: **x** Truck _ Rail _ Barge **x** Crane

10. The equipment supports:
    Products:
    - **x** 1.1 Undersea
    - **x** 1.3 Surface Ship
    - _ 2.1 Gun Systems
    - _ 2.2 Guided Missiles
    - _ 2.8 Launchers
    - _ 2.9 Fire Control
    - _ 3. Combat Systems
    - _ 5.1 Sonar
    - _ 5.2 Radar
    - _ 6.1 & 6.3 Navigation
    - _ 7.1 & 7.3 C^3I
    - **x** 9.1 Strategic Systems
    - _ 10.6 Crew equipment

    Functions: **x** Modernization **x** Repair
    _ Retirement _ Testing

11. Historical utilization - average hours - past five fiscal years:
    FY 89 **N/A** FY 90 **N/A** FY 91 **N/A** FY 92 **N/A** FY 93 **400**

12. Projected utilization - average hours - to FY 97:
    FY 94 **700** FY 95 **700** FY 96 **700** FY 97 **700**

13. Approximate number of personnel required to operate the equipment: **1**

14. Approximate number of manhours required to maintain the equipment: **20**

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Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITY/EQUIPMENT CAPABILITY FORM

Activity Name:	**Puget Sound Naval Shipyard (N00251)**
Equipment Nomenclature NID Number	**PRESS, FORGING** **N00251-105231**

1. Primary purpose(s) of the equipment:
   Forging of large machinery components

2. The equipment is: _ Portable x Moveable _ Fixed

3. Replacement cost (excludes building and utilities): $**2,448,104**

4. Equipment: Gross Weight **354,400** lbs. Size **75**"L x **40**"W x **90**"H

5. Utilities required: x Electrical power (**460** VAC, **3** Phase, 60 Hz)
   _ Compressed air _ Potable water _ Steam
   _ Fuel oil _ Compressed gas

6. Special x foundation / _ shielding required.
   Estimated cost: $**150,000** (Included in #3, above)

7. Environmental control(s) required: **None**

8. Feasibility to relocate/replicate at another site (fixed asset, only):
   X Relocatable _ Extremely difficult _ Impossible

9. The equipment was installed at the present site in 1991.
   Constructed: _ On site _ In Shipyard and moved to site
   Purchased/Shipped: _ Fully assembled x Broken down for transport
   Transported to site via: x Truck _ Rail _ Barge x Crane

10. The equipment supports:
    Products:
    - x 1.1 Undersea
    - x 1.3 Surface Ship
    - _ 2.1 Gun Systems
    - _ 2.2 Guided Missiles
    - _ 2.8 Launchers
    - _ 2.9 Fire Control
    - _ 3. Combat Systems
    - _ 5.1 Sonar
    - _ 5.2 Radar
    - _ 6.1 & 6.3 Navigation
    - _ 7.1 & 7.3 C^3I
    - x 9.1 Strategic Systems
    - _ 10.6 Crew equipment

    Functions: x Modernization x Repair _ Retirement _ Testing

11. Historical utilization - average hours - past five fiscal years:
    FY 89 **N/A** FY 90 **N/A** FY 91 **400** FY 92 **1,000** FY 93 **1,000**

12. Projected utilization - average hours - to FY 97:
    FY 94 **1,000** FY 95 **1,000** FY 96 **1,000** FY 97 **1,000**

13. Approximate number of personnel required to operate the equipment: **2**

14. Approximate number of manhours required to maintain the equipment: **240**

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Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITY/EQUIPMENT CAPABILITY FORM

Activity Name:	Puget Sound Naval Shipyard (N00251)
Equipment Nomenclature NID Number	PUNCH PRESS, TURRET N00251-105233

1. Primary purpose(s) of the equipment:
   Punching/cutting shapes from metal plate

2. The equipment is: _ Portable x Moveable _ Fixed

3. Replacement cost (excludes building and utilities): $ 636,460

4. Equipment: Gross Weight 34,000(e) lbs. Size 18'L x 13'W x 8'H

5. Utilities required: x Electrical power (440 VAC, 3 Phase, 60 Hz)
   _ Compressed air _ Potable water _ Steam
   _ Fuel oil x Compressed gas

6. Special x foundation / _ shielding required.
   Estimated cost: $ 50,000 (Included in #3, above)

7. Environmental control(s) required: None

8. Feasibility to relocate/replicate at another site (fixed asset, only):
   x Relocatable _ Extremely difficult _ Impossible

9. The equipment was installed at the present site in 1989.
   Constructed: _ On site _ In Shipyard and moved to site
   Purchased/Shipped: _ Fully assembled x Broken down for transport
   Transported to site via: x Truck _ Rail _ Barge x Crane

10. The equipment supports:
    Products:
    x 1.1 Undersea
    x 1.3 Surface Ship
    _ 2.1 Gun Systems
    _ 2.2 Guided Missiles
    _ 2.8 Launchers
    _ 2.9 Fire Control
    _ 3. Combat Systems
    _ 5.1 Sonar
    _ 5.2 Radar
    _ 6.1 & 6.3 Navigation
    _ 7.1 & 7.3 C^3I
    x 9.1 Strategic Systems
    _ 10.6 Crew equipment

    Functions: x Modernization x Repair
    _ Retirement _ Testing

11. Historical utilization - average hours - past five fiscal years:
    FY 89 600 FY 90 1,900 FY 91 1,900 FY 92 1,900 FY 93 1,900

12. Projected utilization - average hours - to FY 97:
    FY 94 2,000 FY 95 2,000 FY 96 2,000 FY 97 2,000

13. Approximate number of personnel required to operate the equipment: 1 R

14. Approximate number of manhours required to maintain the equipment: 50 R

Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITY/EQUIPMENT CAPABILITY FORM

Activity Name:	**Puget Sound Naval Shipyard (N00251)**
Equipment Nomenclature NID Number	**PUNCH PRESS, TURRET** **N00251-105233**

1. Primary purpose(s) of the equipment:
   Punching/cutting shapes from metal plate

2. The equipment is: _ Portable x Moveable _ Fixed

3. Replacement cost (excludes building and utilities): $ 636,460

4. Equipment: Gross Weight 34,000(e) lbs. Size 18'L x 13'W x 8'H

5. Utilities required: x Electrical power (440 VAC, 3 Phase, 60 Hz)
   _ Compressed air _ Potable water _ Steam
   _ Fuel oil x Compressed gas

6. Special x foundation / _ shielding required.
   Estimated cost: $ 50,000 (Included in #3, above)

7. Environmental control(s) required: None

8. Feasibility to relocate/replicate at another site (fixed asset, only):
   X Relocatable _ Extremely difficult _ Impossible

9. The equipment was installed at the present site in 1989.
   Constructed: _ On site _ In Shipyard and moved to site
   Purchased/Shipped: _ Fully assembled x Broken down for transport
   Transported to site via: x Truck _ Rail _ Barge x Crane

10. The equipment supports:
    Products:
    x 1.1 Undersea
    x 1.3 Surface Ship
    _ 2.1 Gun Systems
    _ 2.2 Guided Missiles
    _ 2.8 Launchers
    _ 2.9 Fire Control
    _ 3. Combat Systems
    _ 5.1 Sonar
    _ 5.2 Radar
    _ 6.1 & 6.3 Navigation
    _ 7.1 & 7.3 C^3I
    x 9.1 Strategic Systems
    _ 10.6 Crew equipment

    Functions: x Modernization x Repair
    _ Retirement _ Testing

11. Historical utilization - average hours - past five fiscal years:
    FY 89 600 FY 90 1,900 FY 91 1,900 FY 92 1,900 FY 93 1,900

12. Projected utilization - average hours - to FY 97:
    FY 94 2,000 FY 95 2,000 FY 96 2,000 FY 97 2,000

13. Approximate number of personnel required to operate the equipment: _____

14. Approximate number of manhours required to maintain the equipment: _____

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Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITY/EQUIPMENT CAPABILITY FORM

Activity Name:	**Puget Sound Naval Shipyard (N00251)**
Equipment Nomenclature NID Number	**TEST BOILERS** **N00251-105252**

1. Primary purpose(s) of the equipment:
   Supply steam for pump/valve test facility

2. The equipment is: _ Portable _ Moveable x Fixed

3. Replacement cost (excludes building and utilities): $3,831,753

4. Equipment: Gross Weight 100,000 lbs. Size 110'L x 75'W x 40'H

5. Utilities required: x Electrical power (120 VAC, 3 Phase, 60 Hz)
   _ Compressed air _ Potable water _ Steam
   _ Fuel oil x Compressed gas

6. Special x foundation / _ shielding required.
   Estimated cost: $250,000 (Included in #3, above)

7. Environmental control(s) required: None

8. Feasibility to relocate/replicate at another site (fixed asset, only):
   x Extremely difficult _ Impossible

9. The equipment was installed at the present site in 1991.
   Constructed: x On site _ In Shipyard and moved to site
   Purchased/Shipped: _ Fully assembled x Broken down for transport
   Transported to site via: x Truck _ Rail _ Barge x Crane

10. The equipment supports:
    Products:
    - x 1.1 Undersea
    - x 1.3 Surface Ship
    - _ 2.1 Gun Systems
    - _ 2.2 Guided Missiles
    - _ 2.8 Launchers
    - _ 2.9 Fire Control
    - _ 3. Combat Systems
    - _ 5.1 Sonar
    - _ 5.2 Radar
    - _ 6.1 & 6.3 Navigation
    - _ 7.1 & 7.3 C^3I
    - x 9.1 Strategic Systems
    - _ 10.6 Crew equipment

    Functions: x Modernization x Repair
    _ Retirement _ Testing

11. Historical utilization - average hours - past five fiscal years:
    FY 89 N/A FY 90 N/A FY 91 N/A FY 92 1,040 FY 93 1,040

12. Projected utilization - average hours - to FY 97:
    FY 94 1,040 FY 95 1,040 FY 96 1,040 FY 97 1,040

13. Approximate number of personnel required to operate the equipment: 1

14. Approximate number of manhours required to maintain the equipment: 80

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Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITY/EQUIPMENT CAPABILITY FORM

Activity Name:	**Puget Sound Naval Shipyard (N00251)**
Equipment Nomenclature NID Number	**MILLING MACHINE** **N00251-105469**

1. Primary purpose(s) of the equipment:
   Machining large mechanical components

2. The equipment is: _ Portable x Moveable _ Fixed

3. Replacement cost (excludes building and utilities): $ 508,391

4. Equipment: Gross Weight 91,042 lbs. Size 27'L x 16'W x 14'H

5. Utilities required: x Electrical power (220/440 VAC, 3 Phase, 60 Hz)
   _ Compressed air _ Potable water _ Steam
   _ Fuel oil _ Compressed gas

6. Special x foundation / _ shielding required.
   Estimated cost: $ 60,000 (Included in #3, above)

7. Environmental control(s) required: **None**

8. Feasibility to relocate/replicate at another site (fixed asset, only):
   X Relocatable _ Extremely difficult _ Impossible

9. The equipment was installed at the present site in 1988.
   Constructed: _ On site _ In Shipyard and moved to site
   Purchased/Shipped: _ Fully assembled x Broken down for transport
   Transported to site via: x Truck _ Rail _ Barge x Crane

10. The equipment supports:
    Products:
    - x 1.1 Undersea
    - x 1.3 Surface Ship
    - _ 2.1 Gun Systems
    - _ 2.2 Guided Missiles
    - _ 2.8 Launchers
    - _ 2.9 Fire Control
    - _ 3. Combat Systems
    - _ 5.1 Sonar
    - _ 5.2 Radar
    - _ 6.1 & 6.3 Navigation
    - _ 7.1 & 7.3 C^3I
    - x 9.1 Strategic Systems
    - _ 10.6 Crew equipment

    Functions: x Modernization x Repair
    _ Retirement _ Testing

11. Historical utilization - average hours - past five fiscal years:
    FY 89 200 FY 90 200 FY 91 200 FY 92 200 FY 93 200

12. Projected utilization - average hours - to FY 97:
    FY 94 200 FY 95 200 FY 96 200 FY 97 200

13. Approximate number of personnel required to operate the equipment: 1

14. Approximate number of manhours required to maintain the equipment: 20

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Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITY/EQUIPMENT CAPABILITY FORM

Activity Name:	**Puget Sound Naval Shipyard (N00251)**
Equipment Nomenclature NID Number	**PRESS, 500 TON** **N00251-105692**

1. Primary purpose(s) of the equipment:
   Forging/planishing steel components

2. The equipment is: _ Portable x Moveable _ Fixed

3. Replacement cost (excludes building and utilities): $ 510,393

4. Equipment: Gross Weight 120,000 lbs. Size 32'L x 16'W x 30'H

5. Utilities required: x Electrical power (460 VAC, 3 Phase, 60 Hz)
   _ Compressed air _ Potable water _ Steam
   _ Fuel oil _ Compressed gas

6. Special x foundation / _ shielding required.
   Estimated cost: $ 70,000 (Included in #3, above)

7. Environmental control(s) required: **None**

8. Feasibility to relocate/replicate at another site (fixed asset, only):
   x Relocatable _ Extremely difficult _ Impossible

9. The equipment was installed at the present site in 1988.
   Constructed: _ On site _ In Shipyard and moved to site
   Purchased/Shipped: _ Fully assembled x Broken down for transport
   Transported to site via: x Truck _ Rail _ Barge x Crane

10. The equipment supports:
    Products:
    x 1.1 Undersea
    x 1.3 Surface Ship
    _ 2.1 Gun Systems
    _ 2.2 Guided Missiles
    _ 2.8 Launchers
    _ 2.9 Fire Control
    _ 3. Combat Systems
    _ 5.1 Sonar
    _ 5.2 Radar
    _ 6.1 & 6.3 Navigation
    _ 7.1 & 7.3 C^3I
    x 9.1 Strategic Systems
    _ 10.6 Crew equipment

    Functions: x Modernization x Repair
    _ Retirement _ Testing

11. Historical utilization - average hours - past five fiscal years:
    FY 89 100 FY 90 100 FY 91 100 FY 92 100 FY 93 100

12. Projected utilization - average hours - to FY 97:
    FY 94 1,000 FY 95 1,000 FY 96 1,000 FY 97 1,000

13. Approximate number of personnel required to operate the equipment: 1

14. Approximate number of manhours required to maintain the equipment: 60

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Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITY/EQUIPMENT CAPABILITY FORM

Activity Name:	**Puget Sound Naval Shipyard (N00251)**
Equipment Nomenclature NID Number	**MILLING CENTER, CNC** **N00251-105765**

1. Primary purpose(s) of the equipment:
   Machining various mechanical components

2. The equipment is: _ Portable x Moveable _ Fixed

3. Replacement cost (excludes building and utilities): $ 772,077

4. Equipment: Gross Weight 48,700 lbs. Size 30'L x 15'W x 15'H

5. Utilities required: x Electrical power (230 VAC, 3 Phase, 60 Hz)
   _ Compressed air _ Potable water _ Steam
   _ Fuel oil _ Compressed gas

6. Special x foundation / _ shielding required.
   Estimated cost: $ 40,000 (Included in #3, above)

7. Environmental control(s) required: None

8. Feasibility to relocate/replicate at another site (fixed asset, only):
   X Relocatable _ Extremely difficult _ Impossible

9. The equipment was installed at the present site in 1991.
   Constructed: _ On site _ In Shipyard and moved to site
   Purchased/Shipped: _ Fully assembled x Broken down for transport
   Transported to site via: x Truck _ Rail _ Barge x Crane

10. The equipment supports:
    Products:
    - x 1.1 Undersea
    - x 1.3 Surface Ship
    - _ 2.1 Gun Systems
    - _ 2.2 Guided Missiles
    - _ 2.8 Launchers
    - _ 2.9 Fire Control
    - _ 3. Combat Systems
    - _ 5.1 Sonar
    - _ 5.2 Radar
    - _ 6.1 & 6.3 Navigation
    - _ 7.1 & 7.3 C^3I
    - x 9.1 Strategic Systems
    - _ 10.6 Crew equipment

    Functions: x Modernization x Repair _ Retirement _ Testing

11. Historical utilization - average hours - past five fiscal years:
    FY 89 N/A FY 90 N/A FY 91 400 FY 92 1,040 FY 93 1,040

12. Projected utilization - average hours - to FY 97:
    FY 94 1,040 FY 95 1,040 FY 96 1,040 FY 97 1,040

13. Approximate number of personnel required to operate the equipment: 1

14. Approximate number of manhours required to maintain the equipment: 20

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Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITY/EQUIPMENT CAPABILITY FORM

Activity Name:	**Puget Sound Naval Shipyard (N00251)**
Equipment Nomenclature NID Number	**THERMAL SPRAY/BLAST SYSTEM** **N00251-105962**

1. Primary purpose(s) of the equipment:
   Application of build-up and/or protective coatings to machinery parts

2. The equipment is: _ Portable x Moveable _ Fixed

3. Replacement cost (excludes building and utilities): $ 684,914

4. Equipment: Gross Weight 18,700 lbs. Size 28'L x 28'W x 14'H

5. Utilities required: x Electrical power (230 VAC, 3 Phase, 60 Hz)
   x Compressed air _ Potable water _ Steam
   _ Fuel oil _ Compressed gas

6. Special x foundation / _ shielding required.
   Estimated cost: $ 20,000 (Included in #3, above)

7. Environmental control(s) required: **None**

8. Feasibility to relocate/replicate at another site (fixed asset, only):
   X Relocatable _ Extremely difficult _ Impossible

9. The equipment was installed at the present site in 1992.
   Constructed: _ On site _ In Shipyard and moved to site
   Purchased/Shipped: _ Fully assembled x Broken down for transport
   Transported to site via: x Truck _ Rail _ Barge x Crane

10. The equipment supports:
    Products:
    - x 1.1 Undersea
    - x 1.3 Surface Ship
    - _ 2.1 Gun Systems
    - _ 2.2 Guided Missiles
    - _ 2.8 Launchers
    - _ 2.9 Fire Control
    - _ 3. Combat Systems
    - _ 5.1 Sonar
    - _ 5.2 Radar
    - _ 6.1 & 6.3 Navigation
    - _ 7.1 & 7.3 C^3I
    - x 9.1 Strategic Systems
    - _ 10.6 Crew equipment

    Functions: x Modernization x Repair _ Retirement _ Testing

11. Historical utilization - average hours - past five fiscal years:
    FY 89 N/A FY 90 N/A FY 91 N/A FY 92 N/A FY 93 200

12. Projected utilization - average hours - to FY 97:
    FY 94 1,000 FY 95 3,000 FY 96 3,000 FY 97 3,000

13. Approximate number of personnel required to operate the equipment: 2

14. Approximate number of manhours required to maintain the equipment: 80

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Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITY/EQUIPMENT CAPABILITY FORM

Activity Name:	**Puget Sound Naval Shipyard (N00251)**
Equipment Nomenclature NID Number	**FURNACE SYSTEM** **N00251-106212**

1. Primary purpose(s) of the equipment:
   Induction melting of metal for casting various components

2. The equipment is: _ Portable x Moveable _ Fixed

3. Replacement cost (excludes building and utilities): $ 613,855

4. Equipment: Gross Weight 90,000 lbs. Size 24'L x 18'W x 14'H

5. Utilities required: x Electrical power (460 VAC, 3 Phase, 60 Hz)
   _ Compressed air _ Potable water _ Steam
   _ Fuel oil _ Compressed gas

6. Special x foundation / _ shielding required.
   Estimated cost: $ 60,000 (Included in #3, above)

7. Environmental control(s) required: **None**

8. Feasibility to relocate/replicate at another site (fixed asset, only):
   X Relocatable _ Extremely difficult _ Impossible

9. The equipment was installed at the present site in 1991.
   Constructed: _ On site _ In Shipyard and moved to site
   Purchased/Shipped: _ Fully assembled x Broken down for transport
   Transported to site via: x Truck _ Rail _ Barge x Crane

10. The equipment supports:
    Products:
    - x 1.1 Undersea
    - x 1.3 Surface Ship
    - _ 2.1 Gun Systems
    - _ 2.2 Guided Missiles
    - _ 2.8 Launchers
    - _ 2.9 Fire Control
    - _ 3. Combat Systems
    - _ 5.1 Sonar
    - _ 5.2 Radar
    - _ 6.1 & 6.3 Navigation
    - _ 7.1 & 7.3 C^3I
    - x 9.1 Strategic Systems
    - _ 10.6 Crew equipment

    Functions: x Modernization x Repair _ Retirement _ Testing

11. Historical utilization - average hours - past five fiscal years:
    FY 89 N/A FY 90 N/A FY 91 N/A FY 92 800 FY 93 800

12. Projected utilization - average hours - to FY 97:
    FY 94 800 FY 95 800 FY 96 800 FY 97 800

13. Approximate number of personnel required to operate the equipment: 1

14. Approximate number of manhours required to maintain the equipment: 200

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Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITY/EQUIPMENT CAPABILITY FORM

Activity Name:	**Puget Sound Naval Shipyard (N00251)**
Equipment Nomenclature NID Number	**WELDER, ROBOTIC** **N00251-106213**

1. Primary purpose(s) of the equipment:
   Robotic welding of sheet metal doors

2. The equipment is: _ Portable **x** Moveable _ Fixed

3. Replacement cost (excludes building and utilities): $ **553,393**

4. Equipment: Gross Weight **6,000(e)** lbs. Size **15**'L x **12**'W x **9**'H

5. Utilities required: **x** Electrical power (**460** VAC, **3** Phase, 60 Hz)
   _ Compressed air _ Potable water _ Steam
   _ Fuel oil **x** Compressed gas

6. Special _ foundation / _ shielding required.
   Estimated cost: $ **N/A** (Included in #3, above)

7. Environmental control(s) required: **None**

8. Feasibility to relocate/replicate at another site (fixed asset, only):
   X Relocatable _ Extremely difficult _ Impossible

9. The equipment was installed at the present site in 1989.
   Constructed: _ On site _ In Shipyard and moved to site
   Purchased/Shipped: _ Fully assembled **x** Broken down for transport
   Transported to site via: **x** Truck _ Rail _ Barge _ Crane

10. The equipment supports:
    Products:
    x 1.1 Undersea
    x 1.3 Surface Ship
    _ 2.1 Gun Systems
    _ 2.2 Guided Missiles
    _ 2.8 Launchers
    _ 2.9 Fire Control
    _ 3. Combat Systems
    _ 5.1 Sonar
    _ 5.2 Radar
    _ 6.1 & 6.3 Navigation
    _ 7.1 & 7.3 C^3I
    x 9.1 Strategic Systems
    _ 10.6 Crew equipment

    Functions: **x** Modernization **x** Repair
    _ Retirement _ Testing

11. Historical utilization - average hours - past five fiscal years:
    FY 89 **50** FY 90 **100** FY 91 **100** FY 92 **100** FY 93 **100**

12. Projected utilization - average hours - to FY 97:
    FY 94 **1,200** FY 95 **1,200** FY 96 **1,200** FY 97 **1,200**

13. Approximate number of personnel required to operate the equipment: **1**

14. Approximate number of manhours required to maintain the equipment: **40**

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Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITY/EQUIPMENT CAPABILITY FORM

Activity Name:	**Puget Sound Naval Shipyard (N00251)**
Equipment Nomenclature NID Number	**MACHINING CENTER, CNC** **N00251-106369**

1. Primary purpose(s) of the equipment:
   Machining of large mechanical components

2. The equipment is: _ Portable x Moveable _ Fixed

3. Replacement cost (excludes building and utilities): $1,582,057

4. Equipment: Gross Weight 52,000 lbs. Size 32'L x 33'W x 18'H

5. Utilities required: x Electrical power (230/440 VAC, 3 Phase, 60 Hz)
   _ Compressed air _ Potable water _ Steam
   _ Fuel oil _ Compressed gas

6. Special x foundation / _ shielding required.
   Estimated cost: $175,000 (Included in #3, above)

7. Environmental control(s) required: **None**

8. Feasibility to relocate/replicate at another site (fixed asset, only):
   X Relocatable _ Extremely difficult _ Impossible

9. The equipment was installed at the present site in 1991.
   Constructed: _ On site _ In Shipyard and moved to site
   Purchased/Shipped: _ Fully assembled x Broken down for transport
   Transported to site via: x Truck _ Rail _ Barge x Crane

10. The equipment supports:
    Products:
    x 1.1 Undersea
    x 1.3 Surface Ship
    _ 2.1 Gun Systems
    _ 2.2 Guided Missiles
    _ 2.8 Launchers
    _ 2.9 Fire Control
    _ 3. Combat Systems
    _ 5.1 Sonar
    _ 5.2 Radar
    _ 6.1 & 6.3 Navigation
    _ 7.1 & 7.3 C^3I
    x 9.1 Strategic Systems
    _ 10.6 Crew equipment

    Functions: x Modernization x Repair
    _ Retirement _ Testing

11. Historical utilization - average hours - past five fiscal years:
    FY 89 N/A FY 90 N/A FY 91 N/A FY 92 200 FY 93 200

12. Projected utilization - average hours - to FY 97:
    FY 94 400 FY 95 400 FY 96 400 FY 97 400

13. Approximate number of personnel required to operate the equipment: 1

14. Approximate number of manhours required to maintain the equipment: 20

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Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITY/EQUIPMENT CAPABILITY FORM

Activity Name:	**Puget Sound Naval Shipyard (N00251)**
Equipment Nomenclature NID Number	**TURNING CENTER, CNC** **N00251-106370**

1. Primary purpose(s) of the equipment:
   Machining various mechanical components

2. The equipment is: _ Portable x Moveable _ Fixed

3. Replacement cost (excludes building and utilities): $1,265,436

4. Equipment: Gross Weight 50,000 lbs. Size 24'L x 18'W x 12'H

5. Utilities required: x Electrical power (240 VAC, 3 Phase, 60 Hz)
   _ Compressed air _ Potable water _ Steam
   _ Fuel oil _ Compressed gas

6. Special x foundation / _ shielding required.
   Estimated cost: $120,000 (Included in #3, above)

7. Environmental control(s) required: **None**

8. Feasibility to relocate/replicate at another site (fixed asset, only):
   X Relocatable _ Extremely difficult _ Impossible

9. The equipment was installed at the present site in 1991.
   Constructed: _ On site _ In Shipyard and moved to site
   Purchased/Shipped: _ Fully assembled x Broken down for transport
   Transported to site via: x Truck _ Rail _ Barge x Crane

10. The equipment supports:
    Products:
    - x 1.1 Undersea
    - x 1.3 Surface Ship
    - _ 2.1 Gun Systems
    - _ 2.2 Guided Missiles
    - _ 2.8 Launchers
    - _ 2.9 Fire Control
    - _ 3. Combat Systems
    - _ 5.1 Sonar
    - _ 5.2 Radar
    - _ 6.1 & 6.3 Navigation
    - _ 7.1 & 7.3 C^3I
    - x 9.1 Strategic Systems
    - _ 10.6 Crew equipment

    Functions: x Modernization x Repair
    _ Retirement _ Testing

11. Historical utilization - average hours - past five fiscal years:
    FY 89 N/A FY 90 N/A FY 91 N/A FY 92 200 FY 93 200

12. Projected utilization - average hours - to FY 97:
    FY 94 400 FY 95 400 FY 96 400 FY 97 400

13. Approximate number of personnel required to operate the equipment: 2

14. Approximate number of manhours required to maintain the equipment: 20

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Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITY/EQUIPMENT CAPABILITY FORM

Activity Name:	**Puget Sound Naval Shipyard (N00251)**
Equipment Nomenclature NID Number	**MILLING MACHINE, CNC** **N00251-106471**

1. Primary purpose(s) of the equipment:
   Milling of large machinery components

2. The equipment is: _ Portable x Moveable _ Fixed

3. Replacement cost (excludes building and utilities): $1,568,050

4. Equipment: Gross Weight 65,000 lbs. Size 40'L x 24'W x 16'H

5. Utilities required: X Electrical power (240 VAC, 3 Phase, 60 Hz)
   _ Compressed air _ Potable water _ Steam
   _ Fuel oil _ Compressed gas

6. Special x foundation / _ shielding required.
   Estimated cost: $100,000 (Included in #3, above)

7. Environmental control(s) required: None

8. Feasibility to relocate/replicate at another site (fixed asset, only):
   X Relocatable _ Extremely difficult _ Impossible

9. The equipment was installed at the present site in 1989.
   Constructed: _ On site _ In Shipyard and moved to site
   Purchased/Shipped: _ Fully assembled X Broken down for transport
   Transported to site via: x Truck _ Rail _ Barge x Crane

10. The equipment supports:
    Products:
    - x 1.1 Undersea
    - x 1.3 Surface Ship
    - _ 2.1 Gun Systems
    - _ 2.2 Guided Missiles
    - _ 2.8 Launchers
    - _ 2.9 Fire Control
    - _ 3. Combat Systems
    - _ 5.1 Sonar
    - _ 5.2 Radar
    - _ 6.1 & 6.3 Navigation
    - _ 7.1 & 7.3 C^3I
    - x 9.1 Strategic Systems
    - _ 10.6 Crew equipment

    Functions: x Modernization _ Retirement x Repair _ Testing

11. Historical utilization - average hours - past five fiscal years:
    FY 89 500 FY 90 1,040 FY 91 1,040 FY 92 1,040 FY 93 1,040

12. Projected utilization - average hours - to FY 97:
    FY 94 1,040 FY 95 1,040 FY 96 1,040 FY 97 1,040

13. Approximate number of personnel required to operate the equipment: 1

14. Approximate number of manhours required to maintain the equipment: 20

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Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITY/EQUIPMENT CAPABILITY FORM

Activity Name:	**Puget Sound Naval Shipyard (N00251)**
Equipment Nomenclature NID Number	**LATHE, ENGINE, NC** **N00251-106803**

1. Primary purpose(s) of the equipment:
   Turning various machinery parts/components

2. The equipment is: _ Portable x Moveable _ Fixed

3. Replacement cost (excludes building and utilities): $ 502,329

4. Equipment: Gross Weight 28,365 lbs. Size 26'L x 9'W x 8'H

5. Utilities required: x Electrical power (230 VAC, 3 Phase, 60 Hz)
   _ Compressed air _ Potable water _ Steam
   _ Fuel oil _ Compressed gas

6. Special x foundation / _ shielding required.
   Estimated cost: $ 25,000 (Included in #3, above)

7. Environmental control(s) required: **None**

8. Feasibility to relocate/replicate at another site (fixed asset, only):
   X Relocatable _ Extremely difficult _ Impossible

9. The equipment was installed at the present site in 1988.
   Constructed: _ On site _ In Shipyard and moved to site
   Purchased/Shipped: x Fully assembled _ Broken down for transport
   Transported to site via: x Truck _ Rail _ Barge x Crane

10. The equipment supports:
    Products:
    x 1.1 Undersea
    x 1.3 Surface Ship
    _ 2.1 Gun Systems
    _ 2.2 Guided Missiles
    _ 2.8 Launchers
    _ 2.9 Fire Control
    _ 3. Combat Systems
    _ 5.1 Sonar
    _ 5.2 Radar
    _ 6.1 & 6.3 Navigation
    _ 7.1 & 7.3 C^3I
    x 9.1 Strategic Systems
    _ 10.6 Crew equipment

    Functions: x Modernization x Repair
    _ Retirement _ Testing

11. Historical utilization - average hours - past five fiscal years:
    FY 89 200 FY 90 200 FY 91 200 FY 92 100 FY 93 100

12. Projected utilization - average hours - to FY 97:
    FY 94 40 FY 95 40 FY 96 40 FY 97 40

13. Approximate number of personnel required to operate the equipment: 1

14. Approximate number of manhours required to maintain the equipment: 20

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Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITY/EQUIPMENT CAPABILITY FORM

Activity Name:	**Puget Sound Naval Shipyard (N00251)**
Equipment Nomenclature NID Number	**WELDER, ROBOTIC** **N00251-106879**

1. Primary purpose(s) of the equipment:
   Welding of various structural components

2. The equipment is: _ Portable x Moveable _ Fixed

3. Replacement cost (excludes building and utilities): $ 500,000

4. Equipment: Gross Weight 10,000 lbs. Size 11'L x 10'W x 10'H

5. Utilities required: X Electrical power (460 VAC, 3 Phase, 60 Hz)
   _ Compressed air _ Potable water _ Steam
   _ Fuel oil _ Compressed gas

6. Special _ foundation / _ shielding required.
   Estimated cost: $ N/A (Included in #3, above)

7. Environmental control(s) required: None

8. Feasibility to relocate/replicate at another site (fixed asset, only):
   X Relocatable _ Extremely difficult _ Impossible

9. The equipment was installed at the present site in 1990.
   Constructed: _ On site _ In Shipyard and moved to site
   Purchased/Shipped: _ Fully assembled X Broken down for transport
   Transported to site via: x Truck _ Rail _ Barge x Crane

10. The equipment supports:
    Products:
    - x 1.1 Undersea
    - x 1.3 Surface Ship
    - _ 2.1 Gun Systems
    - _ 2.2 Guided Missiles
    - _ 2.8 Launchers
    - _ 2.9 Fire Control
    - _ 3. Combat Systems
    - _ 5.1 Sonar
    - _ 5.2 Radar
    - _ 6.1 & 6.3 Navigation
    - _ 7.1 & 7.3 C^3I
    - x 9.1 Strategic Systems
    - _ 10.6 Crew equipment

    Functions: x Modernization x Repair _ Retirement _ Testing

11. Historical utilization - average hours - past five fiscal years:
    FY 89 N/A FY 90 100 FY 91 200 FY 92 200 FY 93 200

12. Projected utilization - average hours - to FY 97:
    FY 94 500 FY 95 500 FY 96 500 FY 97 500

13. Approximate number of personnel required to operate the equipment: 1

14. Approximate number of manhours required to maintain the equipment: 24

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Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITY/EQUIPMENT CAPABILITY FORM

Activity Name:	**Puget Sound Naval Shipyard (N00251)**
Equipment Nomenclature NID Number	**GRINDER, THREAD, CNC** **N00251-107025**

1. Primary purpose(s) of the equipment:
   Precision grinding of threads on machinery components

2. The equipment is: _ Portable x Moveable _ Fixed

3. Replacement cost (excludes building and utilities): $ 509,173

4. Equipment: Gross Weight 9,000 lbs. Size 12'L x 12'W x 8'H

5. Utilities required: x Electrical power (230 VAC, 3 Phase, 60 Hz)
   _ Compressed air _ Potable water _ Steam
   _ Fuel oil _ Compressed gas

6. Special x foundation / _ shielding required.
   Estimated cost: $ 15,000 (Included in #3, above)

7. Environmental control(s) required: None

8. Feasibility to relocate/replicate at another site (fixed asset, only):
   X Relocatable _ Extremely difficult _ Impossible

9. The equipment was installed at the present site in 1990.
   Constructed: _ On site _ In Shipyard and moved to site
   Purchased/Shipped: _ Fully assembled x Broken down for transport
   Transported to site via: x Truck _ Rail _ Barge x Crane

10. The equipment supports:
    Products:
    - x 1.1 Undersea
    - x 1.3 Surface Ship
    - _ 2.1 Gun Systems
    - _ 2.2 Guided Missiles
    - _ 2.8 Launchers
    - _ 2.9 Fire Control
    - _ 3. Combat Systems
    - _ 5.1 Sonar
    - _ 5.2 Radar
    - _ 6.1 & 6.3 Navigation
    - _ 7.1 & 7.3 C^3I
    - x 9.1 Strategic Systems
    - _ 10.6 Crew equipment

    Functions: x Modernization x Repair
    _ Retirement _ Testing

11. Historical utilization - average hours - past five fiscal years:
    FY 89 N/A FY 90 540 FY 91 1,040 FY 92 1,040 FY 93 1,040

12. Projected utilization - average hours - to FY 97:
    FY 94 1,040 FY 95 1,040 FY 96 1,040 FY 97 1,040

13. Approximate number of personnel required to operate the equipment: 1

14. Approximate number of manhours required to maintain the equipment: 20

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Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITY/EQUIPMENT CAPABILITY FORM

Activity Name:	**Puget Sound Naval Shipyard (N00251)**
Equipment Nomenclature NID Number	**RADIOGRAPHY IMAGING SYSTEM** **N00251-107129**

1. Primary purpose(s) of the equipment:
   Real time radiography QA inspection of foundry castings

2. The equipment is: _ Portable _ Moveable x Fixed

3. Replacement cost (excludes building and utilities): $2,445,263

4. Equipment: Gross Weight 15,000 lbs. Size 42'L x 30'W x 8'H

5. Utilities required: x Electrical power (230 VAC, 3 Phase, 60 Hz)
   _ Compressed air _ Potable water _ Steam
   _ Fuel oil _ Compressed gas

6. Special x foundation / x shielding required.
   Estimated cost: $1,000,000 (Included in #3, above)

7. Environmental control(s) required: **None**

8. Feasibility to relocate/replicate at another site (fixed asset, only):
   x Extremely difficult _ Impossible

9. The equipment was installed at the present site in 1991.
   Constructed: x On site _ In Shipyard and moved to site
   Purchased/Shipped: _ Fully assembled x Broken down for transport
   Transported to site via: x Truck _ Rail _ Barge x Crane

10. The equipment supports:
    Products:
    - x 1.1 Undersea
    - x 1.3 Surface Ship
    - _ 2.1 Gun Systems
    - _ 2.2 Guided Missiles
    - _ 2.8 Launchers
    - _ 2.9 Fire Control
    - _ 3. Combat Systems
    - _ 5.1 Sonar
    - _ 5.2 Radar
    - _ 6.1 & 6.3 Navigation
    - _ 7.1 & 7.3 C^3I
    - x 9.1 Strategic Systems
    - _ 10.6 Crew equipment

    Functions: x Modernization x Repair
    _ Retirement _ Testing

11. Historical utilization - average hours - past five fiscal years:
    FY 89 N/A FY 90 N/A FY 91 N/A FY 92 400 FY 93 400

12. Projected utilization - average hours - to FY 97:
    FY 94 400 FY 95 400 FY 96 400 FY 97 400

13. Approximate number of personnel required to operate the equipment: 2

14. Approximate number of manhours required to maintain the equipment: 100

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Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITY/EQUIPMENT CAPABILITY FORM

Activity Name:	**Puget Sound Naval Shipyard (N00251)**
Equipment Nomenclature NID Number	**LASER CUTTING MACHINE, CNC** **N00251-107183**

1. Primary purpose(s) of the equipment:
   Cutting of various shapes/components from sheet metal

2. The equipment is: _ Portable x Moveable _ Fixed

3. Replacement cost (excludes building and utilities): $ 619,471

4. Equipment: Gross Weight 28,311 lbs. Size 22'L x 14'W x 7'H

5. Utilities required: x Electrical power (460 VAC, 3 Phase, 60 Hz)
   _ Compressed air _ Potable water _ Steam
   _ Fuel oil _ Compressed gas

6. Special x foundation / x shielding required.
   Estimated cost: $ 15,000 (Included in #3, above)

7. Environmental control(s) required: **None**

8. Feasibility to relocate/replicate at another site (fixed asset, only):
   X Relocatable _ Extremely difficult _ Impossible

9. The equipment was installed at the present site in 1990.
   Constructed: _ On site _ In Shipyard and moved to site
   Purchased/Shipped: _ Fully assembled x Broken down for transport
   Transported to site via: x Truck _ Rail _ Barge x Crane

10. The equipment supports:
    Products:
    x 1.1 Undersea
    x 1.3 Surface Ship
    _ 2.1 Gun Systems
    _ 2.2 Guided Missiles
    _ 2.8 Launchers
    _ 2.9 Fire Control
    _ 3. Combat Systems
    _ 5.1 Sonar
    _ 5.2 Radar
    _ 6.1 & 6.3 Navigation
    _ 7.1 & 7.3 C^3I
    x 9.1 Strategic Systems
    _ 10.6 Crew equipment

    Functions: x Modernization x Repair
    _ Retirement _ Testing

11. Historical utilization - average hours - past five fiscal years:
    FY 89 N/A FY 90 300 FY 91 900 FY 92 900 FY 93 900

12. Projected utilization - average hours - to FY 97:
    FY 94 900 FY 95 900 FY 96 900 FY 97 900

13. Approximate number of personnel required to operate the equipment: 1

14. Approximate number of manhours required to maintain the equipment: 200

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Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITY/EQUIPMENT CAPABILITY FORM

Activity Name:	**Puget Sound Naval Shipyard (N00251)**
Equipment Nomenclature NID Number	**MILLING MACHINE, CNC** **N00251-107230**

1. Primary purpose(s) of the equipment:
   Manufacturing wooden patterns for foundry casting molds

2. The equipment is: _ Portable x Moveable _ Fixed

3. Replacement cost (excludes building and utilities): $ 506,130

4. Equipment: Gross Weight 16,248 lbs. Size 24'L x 9'W x 10'H

5. Utilities required: x Electrical power (230/460 VAC, 3 Phase, 60 Hz)
   _ Compressed air _ Potable water _ Steam
   _ Fuel oil _ Compressed gas

6. Special _ foundation / _ shielding required.
   Estimated cost: $ N/A (Included in #3, above)

7. Environmental control(s) required: None

8. Feasibility to relocate/replicate at another site (fixed asset, only):
   X Relocatable _ Extremely difficult _ Impossible

9. The equipment was installed at the present site in 1991.
   Constructed: _ On site _ In Shipyard and moved to site
   Purchased/Shipped: _ Fully assembled x Broken down for transport
   Transported to site via: x Truck _ Rail _ Barge x Crane

10. The equipment supports:
    Products:
    - x 1.1 Undersea
    - x 1.3 Surface Ship
    - _ 2.1 Gun Systems
    - _ 2.2 Guided Missiles
    - _ 2.8 Launchers
    - _ 2.9 Fire Control
    - _ 3. Combat Systems
    - _ 5.1 Sonar
    - _ 5.2 Radar
    - _ 6.1 & 6.3 Navigation
    - _ 7.1 & 7.3 C^3I
    - x 9.1 Strategic Systems
    - _ 10.6 Crew equipment

    Functions: x Modernization x Repair _ Retirement _ Testing

11. Historical utilization - average hours - past five fiscal years:
    FY 89 N/A FY 90 N/A FY 91 300 FY 92 780 FY 93 780

12. Projected utilization - average hours - to FY 97:
    FY 94 780 FY 95 780 FY 96 780 FY 97 780

13. Approximate number of personnel required to operate the equipment: 1

14. Approximate number of manhours required to maintain the equipment: 50

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Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITY/EQUIPMENT CAPABILITY FORM

Activity Name:	**Puget Sound Naval Shipyard (N00251)**
Equipment Nomenclature NID Number	**PUMP TEST FACILITY** **N00251-107899**

1. Primary purpose(s) of the equipment:
   In shop dynamic testing of shipboard pumps and valves

2. The equipment is: _ Portable _ Moveable x Fixed

3. Replacement cost (excludes building and utilities): $2,687,195

4. Equipment: Gross Weight 340,000 lbs. Size 90'L x 50'W x 25'H

5. Utilities required: x Electrical power (480 VAC, 3 Phase, 60 Hz)
   x Compressed air x Potable water _ Steam
   _ Fuel oil x Compressed gas

6. Special x foundation / _ shielding required.
   Estimated cost: $400,000 (Included in #3, above)

7. Environmental control(s) required: **None**

8. Feasibility to relocate/replicate at another site (fixed asset, only):
   x Extremely difficult _ Impossible

9. The equipment was installed at the present site in 1991.
   Constructed: x On site _ In Shipyard and moved to site
   Purchased/Shipped: _ Fully assembled x Broken down for transport
   Transported to site via: x Truck _ Rail _ Barge x Crane

10. The equipment supports:
    Products:
    - x 1.1 Undersea
    - x 1.3 Surface Ship
    - _ 2.1 Gun Systems
    - _ 2.2 Guided Missiles
    - _ 2.8 Launchers
    - _ 2.9 Fire Control
    - _ 3. Combat Systems
    - _ 5.1 Sonar
    - _ 5.2 Radar
    - _ 6.1 & 6.3 Navigation
    - _ 7.1 & 7.3 C^3I
    - x 9.1 Strategic Systems
    - _ 10.6 Crew equipment

    Functions: x Modernization x Repair
    _ Retirement x Testing

11. Historical utilization - average hours - past five fiscal years:
    FY 89 N/A FY 90 N/A FY 91 N/A FY 92 1,040 FY 93 1,040

12. Projected utilization - average hours - to FY 97:
    FY 94 1,040 FY 95 1,040 FY 96 1,040 FY 97 1,040

13. Approximate number of personnel required to operate the equipment: 1

14. Approximate number of manhours required to maintain the equipment: 20

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Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITY/EQUIPMENT CAPABILITY FORM

Activity Name:	**Puget Sound Naval Shipyard (N00251)**
Equipment Nomenclature NID Number	**MACHINING CENTER, CNC, HORIZONTAL** **N00251-108236**

1. Primary purpose(s) of the equipment:
   Machining of various mechanical components

2. The equipment is: _ Portable x Moveable _ Fixed

3. Replacement cost (excludes building and utilities): $ 571,850

4. Equipment: Gross Weight 33,070 lbs. Size 21'L x 11'W x 11'H

5. Utilities required: x Electrical power (230/480 VAC, 3 Phase, 60 Hz)
   _ Compressed air _ Potable water _ Steam
   _ Fuel oil _ Compressed gas

6. Special x foundation / _ shielding required.
   Estimated cost: $ 30,000 (Included in #3, above)

7. Environmental control(s) required: None

8. Feasibility to relocate/replicate at another site (fixed asset, only):
   X Relocatable _ Extremely difficult _ Impossible

9. The equipment was installed at the present site in 1994.
   Constructed: _ On site _ In Shipyard and moved to site
   Purchased/Shipped: _ Fully assembled x Broken down for transport
   Transported to site via: x Truck _ Rail _ Barge x Crane

10. The equipment supports:
    Products:
    - x 1.1 Undersea
    - x 1.3 Surface Ship
    - _ 2.1 Gun Systems
    - _ 2.2 Guided Missiles
    - _ 2.8 Launchers
    - _ 2.9 Fire Control
    - _ 3. Combat Systems
    - _ 5.1 Sonar
    - _ 5.2 Radar
    - _ 6.1 & 6.3 Navigation
    - _ 7.1 & 7.3 C^3I
    - x 9.1 Strategic Systems
    - _ 10.6 Crew equipment

    Functions: x Modernization x Repair
    _ Retirement _ Testing

11. Historical utilization - average hours - past five fiscal years:
    FY 89 N/A FY 90 N/A FY 91 N/A FY 92 N/A FY 93 N/A

12. Projected utilization - average hours - to FY 97:
    FY 94 N/A FY 95 1,040 FY 96 1,040 FY 97 1,040

13. Approximate number of personnel required to operate the equipment: 1

14. Approximate number of manhours required to maintain the equipment: 20

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Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITY/EQUIPMENT CAPABILITY FORM

Activity Name:	**Puget Sound Naval Shipyard (N00251)**
Equipment Nomenclature NID Number	**MOULD CONVEYORS** **N00251-108312**

1. Primary purpose(s) of the equipment:
   Continuous casting of steel ingots (recycled steel)

2. The equipment is: _ Portable x Moveable _ Fixed

3. Replacement cost (excludes building and utilities): $ 889,157

4. Equipment: Gross Weight 200,000 lbs. Size 57'L x 29'W x 24'H

5. Utilities required: x Electrical power (240 VAC, 3 Phase, 60 Hz)
   _ Compressed air _ Potable water _ Steam
   _ Fuel oil _ Compressed gas

6. Special x foundation / _ shielding required.
   Estimated cost: $ 80,000 (Included in #3, above)

7. Environmental control(s) required: **None**

8. Feasibility to relocate/replicate at another site (fixed asset, only):
   X Relocatable _ Extremely difficult _ Impossible

9. The equipment was installed at the present site in 1994.
   Constructed: _ On site _ In Shipyard and moved to site
   Purchased/Shipped: _ Fully assembled x Broken down for transport
   Transported to site via: x Truck _ Rail _ Barge x Crane

10. The equipment supports:
    Products:
    x 1.1 Undersea
    x 1.3 Surface Ship
    _ 2.1 Gun Systems
    _ 2.2 Guided Missiles
    _ 2.8 Launchers
    _ 2.9 Fire Control
    _ 3. Combat Systems
    _ 5.1 Sonar
    _ 5.2 Radar
    _ 6.1 & 6.3 Navigation
    _ 7.1 & 7.3 C^3I
    x 9.1 Strategic Systems
    _ 10.6 Crew equipment

    Functions:
    x Modernization
    x Retirement
    x Repair
    _ Testing

11. Historical utilization - average hours - past five fiscal years:
    FY 89 N/A FY 90 N/A FY 91 N/A FY 92 N/A FY 93 2,000

12. Projected utilization - average hours - to FY 97:
    FY 94 2,000 FY 95 3,000 FY 96 3,000 FY 97 3,000

13. Approximate number of personnel required to operate the equipment: 2

14. Approximate number of manhours required to maintain the equipment: 400

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Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITY/EQUIPMENT CAPABILITY FORM

Activity Name:	**Puget Sound Naval Shipyard (N00251)**
Equipment Nomenclature NID Number	**RECTIFIER, 1400KW** **N00251-108317**

1. Primary purpose(s) of the equipment:
   Provides variable DC voltage for dynamic test of motor/generators

2. The equipment is: _ Portable **x** Moveable _ Fixed

3. Replacement cost (excludes building and utilities): $ **610,000**

4. Equipment: Gross Weight **47,000** lbs. Size **24**'L x **10**'W x **10**'H

5. Utilities required: **x** Electrical power (**11,500** VAC, **3** Phase, 60 Hz)
   _ Compressed air _ Potable water _ Steam
   _ Fuel oil _ Compressed gas

6. Special **x** foundation / _ shielding required.
   Estimated cost: $**100,000** (Included in #3, above)

7. Environmental control(s) required: **None**

8. Feasibility to relocate/replicate at another site (fixed asset, only):
   X Relocatable _ Extremely difficult _ Impossible

9. The equipment was installed at the present site in 19**93**.
   Constructed: _ On site _ In Shipyard and moved to site
   Purchased/Shipped: _ Fully assembled **x** Broken down for transport
   Transported to site via: **x** Truck _ Rail _ Barge **x** Crane

10. The equipment supports:
    Products:
    x 1.1 Undersea
    x 1.3 Surface Ship
    _ 2.1 Gun Systems
    _ 2.2 Guided Missiles
    _ 2.8 Launchers
    _ 2.9 Fire Control
    _ 3. Combat Systems
    _ 5.1 Sonar
    _ 5.2 Radar
    _ 6.1 & 6.3 Navigation
    _ 7.1 & 7.3 C^3I
    x 9.1 Strategic Systems
    _ 10.6 Crew equipment

    Functions:
    x Modernization
    _ Retirement
    x Repair
    x Testing

11. Historical utilization - average hours - past five fiscal years:
    FY 89 **N/A** FY 90 **N/A** FY 91 **N/A** FY 92 **N/A** FY 93 **50**

12. Projected utilization - average hours - to FY 97:
    FY 94 **100** FY 95 **100** FY 96 **100** FY 97 **100**

13. Approximate number of personnel required to operate the equipment: **1**

14. Approximate number of manhours required to maintain the equipment: **20**

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Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITY/EQUIPMENT CAPABILITY FORM

Activity Name:	**Puget Sound Naval Shipyard (N00251)**
Equipment Nomenclature NID Number	**PLANER** **N00311-024409**

1. Primary purpose(s) of the equipment:
   Machining large metal components

2. The equipment is: _ Portable x Moveable _ Fixed

3. Replacement cost (excludes building and utilities): $4,900,000

4. Equipment: Gross Weight 850,000 lbs. Size 84'L x 32'W x 26'H

5. Utilities required: x Electrical power (240 VAC, 3 Phase, 60 Hz)
   _ Compressed air _ Potable water _ Steam
   _ Fuel oil _ Compressed gas

6. Special x foundation / _ shielding required.
   Estimated cost: $300,000 (Included in #3, above)

7. Environmental control(s) required: None

8. Feasibility to relocate/replicate at another site (fixed asset, only):
   X Relocatable _ Extremely difficult _ Impossible

9. The equipment was installed at the present site in 1953.
   Constructed: x On site _ In Shipyard and moved to site
   Purchased/Shipped: _ Fully assembled x Broken down for transport
   Transported to site via: x Truck _ Rail _ Barge x Crane

10. The equipment supports:
    Products:
    - x 1.1 Undersea
    - x 1.3 Surface Ship
    - _ 2.1 Gun Systems
    - _ 2.2 Guided Missiles
    - _ 2.8 Launchers
    - _ 2.9 Fire Control
    - _ 3. Combat Systems
    - _ 5.1 Sonar
    - _ 5.2 Radar
    - _ 6.1 & 6.3 Navigation
    - _ 7.1 & 7.3 C^3I
    - x 9.1 Strategic Systems
    - _ 10.6 Crew equipment

    Functions: x Modernization x Repair _ Retirement _ Testing

11. Historical utilization - average hours - past five fiscal years:
    FY 89 40 FY 90 40 FY 91 40 FY 92 40 FY 93 40

12. Projected utilization - average hours - to FY 97:
    FY 94 80 FY 95 80 FY 96 80 FY 97 80

13. Approximate number of personnel required to operate the equipment: 2

14. Approximate number of manhours required to maintain the equipment: 20

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Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITY/EQUIPMENT CAPABILITY FORM

Activity Name:	**Puget Sound Naval Shipyard (N00251)**
Equipment Nomenclature NID Number	**Land Based Test Facility (NTDS)** **Various**

1. Primary purpose(s) of the equipment:
   Duplicate shipboard equipment for test purposes

2. The equipment is: _ Portable x Moveable _ Fixed

3. Replacement cost (excludes building and utilities): $3,000,000

4. Equipment: Gross Weight 15,000 lbs. Size 40'L x 40'W x 10'H

5. Utilities required: x Electrical power (120 VAC, 3 Phase, 400 Hz)
   _ Compressed air _ Potable water _ Steam
   _ Fuel oil _ Compressed gas

6. Special x foundation / _ shielding required.
   Estimated cost: $300,000 (Included in #3, above)

7. Environmental control(s) required: **None**

8. Feasibility to relocate/replicate at another site (fixed asset, only):
   X Relocatable _ Extremely difficult _ Impossible

9. The equipment was installed at the present site in 1976.
   Constructed: x On site _ In Shipyard and moved to site
   Purchased/Shipped: _ Fully assembled x Broken down for transport
   Transported to site via: x Truck _ Rail _ Barge x Crane

10. The equipment supports:
    Products:
    - x 1.1 Undersea
    - x 1.3 Surface Ship
    - _ 2.1 Gun Systems
    - _ 2.2 Guided Missiles
    - _ 2.8 Launchers
    - _ 2.9 Fire Control
    - _ 3. Combat Systems
    - _ 5.1 Sonar
    - _ 5.2 Radar
    - _ 6.1 & 6.3 Navigation
    - _ 7.1 & 7.3 C^3I
    - x 9.1 Strategic Systems
    - _ 10.6 Crew equipment

    Functions: x Modernization x Repair
    _ Retirement x Testing

11. Historical utilization - average hours - past five fiscal years:
    FY 89 2000 FY 90 2000 FY 91 2000 FY 92 2000 FY 93 2000

12. Projected utilization - average hours - to FY 97:
    FY 94 2000 FY 95 2000 FY 96 2000 FY 97 2000

13. Approximate number of personnel required to operate the equipment: 17

14. Approximate number of manhours required to maintain the equipment: 4000

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Primary UIC: 00251

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TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITY/EQUIPMENT CAPABILITY FORM

Activity Name:	**Puget Sound Naval Shipyard (N00251)**
Equipment Nomenclature NID Number	**Periscope Repair & Test Facility** **Various**

1. Primary purpose(s) of the equipment:
   Repair and test of periscopes.

2. The equipment is: _ Portable _ Moveable x Fixed

3. Replacement cost (excludes building and utilities): $1,500,000

4. Equipment: Gross Weight 34,000 lbs. Size 120'L x 50'W x 60'H

5. Utilities required: x Electrical power* (various VAC, 3 Phase, 400 Hz)
   _ Compressed air _ Potable water _ Steam
   _ Fuel oil _ Compressed gas
   * & 28 VDC (Variable)

6. Special x foundation / _ shielding required.
   Estimated cost: $80,000 (Included in #3, above)

7. Environmental control(s) required: None

8. Feasibility to relocate/replicate at another site (fixed asset, only):
   _ Relocatable x Extremely difficult _ Impossible

9. The equipment was installed at the present site in 1965. R
   Constructed: x On site _ In Shipyard and moved to site
   Purchased/Shipped: _ Fully assembled x Broken down for transport
   Transported to site via: x Truck _ Rail _ Barge x Crane

10. The equipment supports:

Products:		
	x 1.1 Undersea	_ 5.1 Sonar
	x 1.3 Surface Ship	_ 5.2 Radar
	_ 2.1 Gun Systems	_ 6.1 & 6.3 Navigation
	_ 2.2 Guided Missiles	_ 7.1 & 7.3 C^3I
	_ 2.8 Launchers	x 9.1 Strategic Systems
	_ 2.9 Fire Control	
	_ 3. Combat Systems	_ 10.6 Crew equipment

Functions:		
	x Modernization	x Repair
	_ Retirement	x Testing

11. Historical utilization - average hours - past five fiscal years:
    FY 89 2000 FY 90 2000 FY 91 2000 FY 92 2000 FY 93 2000

12. Projected utilization - average hours - to FY 97:
    FY 94 2000 FY 95 2000 FY 96 2000 FY 97 2000

13. Approximate number of personnel required to operate the equipment: 5

14. Approximate number of manhours required to maintain the equipment: 2000

Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITY/EQUIPMENT CAPABILITY FORM

Activity Name:	**Puget Sound Naval Shipyard (N00251)**
Equipment Nomenclature NID Number	**Periscope Repair & Test Facility** **Various**

1. Primary purpose(s) of the equipment:
   Repair and test of periscopes.

2. The equipment is: _ Portable _ Moveable x Fixed

3. Replacement cost (excludes building and utilities): $**1,500,000**

4. Equipment: Gross Weight **34,000** lbs. Size **120**'L x **60**'W x **60**'H

5. Utilities required: x Electrical power* (**various** VAC, **3** Phase, **400** Hz)
   _ Compressed air _ Potable water _ Steam
   _ Fuel oil _ Compressed gas
   * & 28 VDC (Variable)

6. Special x foundation / _ shielding required.
   Estimated cost: $**80,000** (Included in #3, above)

7. Environmental control(s) required: **None**

8. Feasibility to relocate/replicate at another site (fixed asset, only):
   _ Relocatable x Extremely difficult _ Impossible

9. The equipment was installed at the present site in 19__.
   Constructed: x On site _ In Shipyard and moved to site
   Purchased/Shipped: _ Fully assembled x Broken down for transport
   Transported to site via: x Truck _ Rail _ Barge x Crane

10. The equipment supports:
    Products:
    - x 1.1 Undersea
    - x 1.3 Surface Ship
    - _ 2.1 Gun Systems
    - _ 2.2 Guided Missiles
    - _ 2.8 Launchers
    - _ 2.9 Fire Control
    - _ 3. Combat Systems
    - _ 5.1 Sonar
    - _ 5.2 Radar
    - _ 6.1 & 6.3 Navigation
    - _ 7.1 & 7.3 C^3I
    - x 9.1 Strategic Systems
    - _ 10.6 Crew equipment

    Functions:
    - x Modernization
    - _ Retirement
    - x Repair
    - x Testing

11. Historical utilization - average hours - past five fiscal years:
    FY 89 **2000** FY 90 **2000** FY 91 **2000** FY 92 **2000** FY 93 **2000**

12. Projected utilization - average hours - to FY 97:
    FY 94 **2000** FY 95 **2000** FY 96 **2000** FY 97 **2000**

13. Approximate number of personnel required to operate the equipment: **5**

14. Approximate number of manhours required to maintain the equipment: **2000**

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Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	**Puget Sound Naval Shipyard N00251**
Facility or Equipment Nomenclature or Title	**Engineering Data Management Information and Control System (EDMICS)**

1. State the primary purpose(s) of the facility/equipment.

Digitize engineering drawings and other data, and make them available on-line.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Moveable.

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement value = **$2.9 million**

4. Provide the gross weight and cube of the facility/equipment.

Gross Weight = **17,500** Cube = **NA**

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

None.

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous matmerials, shielding, hardening, etc.)

None.

7. State any environmental control requirements for the facility/equipment (i.e. temperature, humidity, air scrubbing).

Climate control required for the host computer, juke box, and scanning equipment.

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

None. Identical systems available at other Shipyards.

9. Indicate how and when the facility/equipment was transported and/or constructed at the site.

System was transported by truck in 1993.

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Primary UIC: 00251

Facility or Equipment Nomenclature or Title: EDMICS

10. List the functional support areas (previously provided in Tab A) that this facility/equipment supports.

This equipment supports:
1. Platforms, 2. Weapons Systems, 3. Combat Systems Integration, 11.8 Design Automation. Products: Modernization, Scheduled Maintenance, Repair, Testing, Retirement.

11. Provide the historical utilization average for the past five fiscal years (FY1989-1993). Define the unit of measure used.

System not installed until end of FY 1993.

12. Provide the projected utilization data out to FY 1997.

FY95 25-30 simultaneous users, 2500 images retrieved daily.
FY96 35-40 simultaneous users, 3000 images retrieved daily.
FY97 45-50 simultaneous users, 3500 images retrieved daily.

13. What is the approximate number of personnel used to operate the facility/equipment?

Three.

14. What is the approximate number of personnel needed to maintain the equipment?

One, plus on-call contracted maintenance.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.

The system consists of central host equipment plus workstations distributed throughout the Shipyard. Photo of host computer and scanning equipment provided.

Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	**Puget Sound Naval Shipyard N00251**
Facility or Equipment Nomenclature or Title	**Baseline Advanced Industrial Management (BAIM)**

1. State the primary purpose(s) of the facility/equipment.

Support for implementation of Project Management on scheduled availabilities.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Moveable.

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement value = **$2.35 million**

4. Provide the gross weight and cube of the facility/equipment.

Gross Weight = **15,000 (estimate)** Cube = **NA**

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

None.

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous matmerials, shielding, hardening, etc.)

None.

7. State any environmental control requirements for the facility/equipment (i.e. temperature, humidity, air scrubbing).

Climate control required for the host computer.

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

None. Identical systems available at other Shipyards.

9. Indicate how and when the facility/equipment was transported and/or constructed at the site.

System was transported by truck in 1993.

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Primary UIC: 00251

Facility or Equipment Nomenclature or Title: BAIM

10. List the functional support areas (previously provided in Tab A) that this facility/equipment supports.

This equipment supports:
1. Platforms, 2. Weapons Systems, 3. Combat Systems Integration.
Products: Modernization, Scheduled Maintenance, Repair, Testing, Retirement.

11. Provide the historical utilization average for the past five fiscal years (FY1989-1993). Define the unit of measure used.

System not installed until beginning of FY 1994.

12. Provide the projected utilization data out to FY 1997.

FY95 200 simultaneous users.
FY96 250 simultaneous users.
FY97 350 simultaneous users.

13. What is the approximate number of personnel used to operate the facility/equipment?

Ten to twenty.

14. What is the approximate number of personnel needed to maintain the equipment?

Two, plus on-call contracted maintenance.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.

The system consists of central host equipment plus workstations distributed throughout the Shipyard. Photo of host computer provided.

Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	**Puget Sound Naval Shipyard N00251**
Facility or Equipment Nomenclature or Title	**CAD II (Intergraph)**

1. State the primary purpose(s) of the facility/equipment.

Creation and transfer of CAD/CAM related models, drawings, analysis data, and technical publications.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Moveable.

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement value = **$6 million**

4. Provide the gross weight and cube of the facility/equipment.

Gross Weight = **75,000** Cube = **NA**

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

None.

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous matmerials, shielding, hardening, etc.)

None.

7. State any environmental control requirements for the facility/equipment (i.e. temperature, humidity, air scrubbing).

Climate control required for all servers and electrostatic plotters.

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

None. Identical systems available at other Shipyards.

9. Indicate how and when the facility/equipment was transported and/or constructed at the site.

System was transported by truck in FYs 1992-94.

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Primary UIC: 00251

Facility or Equipment Nomenclature or Title: Intergraph

10. List the functional support areas (previously provided in Tab A) that this facility/equipment supports.

This equipment supports:
1. Platforms, 2. Weapons Systems, 3. Combat Systems Integration, 11.8 Design Automation. Products: Modernization, Scheduled Maintenance, Repair, Testing, Retirement.

11. Provide the historical utilization average for the past five fiscal years (FY1989-1993). Define the unit of measure used.

System not installed until end of FY 1992.

FY93 100 simultaneous users.

12. Provide the projected utilization data out to FY 1997.

FY95 125 simultaneous users
FY96 150 simultaneous users
FY97 220 simultaneous users

13. What is the approximate number of personnel used to operate the facility/equipment?

Thirteen.

14. What is the approximate number of personnel needed to maintain the equipment?

Two, plus on-call contracted maintenance.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.

The system consists of servers in several locations, plus workstations distributed throughout the Shipyard. Photo of sample set of servers provided.

Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	**Puget Sound Naval Shipyard N00251**
Facility or Equipment Nomenclature or Title	**Supervisor's Desk (SupDesk)**

1. State the primary purpose(s) of the facility/equipment.

An on-line interactive system design to increase the front-line supervisor's effectiveness by employing the following features:

- **Automated time keeping and labor charging**
- **Automated job order management**
- **Employee management**
- **Personal file management**

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Moveable.

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement value = **$1.6 million**

4. Provide the gross weight and cube of the facility/equipment.

Gross Weight = **5,000 (estimate)** Cube = **NA**

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

None.

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous matmerials, shielding, hardening, etc.)

None.

7. State any environmental control requirements for the facility/equipment (i.e. temperature, humidity, air scrubbing).

Climate control required for the host computer.

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

None. Identical systems available at other Shipyards.

9. Indicate how and when the facility/equipment was transported and/or constructed at the site.

System was transported by truck in 1993.

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Primary UIC: 00251

Facility or Equipment Nomenclature or Title: SupDesk

10. List the functional support areas (previously provided in Tab A) that this facility/equipment supports.

This equipment supports:

1. Platforms, 2. Weapons Systems, 3. Combat Systems Integration.

Products: Modernization, Scheduled Maintenance, Repair, Testing, Retirement.

11. Provide the historical utilization average for the past five fiscal years (FY1989-1993). Define the unit of measure used.

FY 93 100 users

12. Provide the projected utilization data out to FY 1997.

FY95 1000 users.
FY96 2100 users.
FY97 2100 users.

13. What is the approximate number of personnel used to operate the facility/equipment?

Three to five.

14. What is the approximate number of personnel needed to maintain the equipment?

One to two, plus on-call contracted maintenance.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.

The system consists of central host equipment plus workstations distributed throughout the Shipyard. Photo of host computer provided.

Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	**Puget Sound Naval Shipyard N00251**
Facility or Equipment Nomenclature or Title	**Shipyard Central Site Mainframe**

1. State the primary purpose(s) of the facility/equipment.

Shipyard Management Information Support (SY MIS) support for corporate databases.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Moveable.

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement value = **$3 million**

4. Provide the gross weight and cube of the facility/equipment.

Gross Weight = **95,000 lb.** Cube = **NA**

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

Uninterruptible power supply, with motor/generator backup.

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous matmerials, shielding, hardening, etc.)

None.

7. State any environmental control requirements for the facility/equipment (i.e. temperature, humidity, air scrubbing).

Climate control required for the host computer (air conditioning, temperature, and humidity control).

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

None. Identical systems available at other Shipyards.

9. Indicate how and when the facility/equipment was transported and/or constructed at the site.

System was transported by truck in FY 1982.
Major components were replaced in 1989, and trucked to this facility.

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Primary UIC: 00251

Facility or Equipment Nomenclature or Title: Central Site Mainframe

10. List the functional support areas (previously provided in Tab A) that this facility/equipment supports.

This equipment supports:
All Shipyard functions.

11. Provide the historical utilization average for the past five fiscal years (FY1989-1993). Define the unit of measure used.

24 hours a day, 7 days a week, 51 weeks a year. Supports approximately 350 users during peak on line times.

12. Provide the projected utilization data out to FY 1997. R

FY95 350 simultaneous users
FY96 350 simultaneous users
FY97 350 simultaneous users

13. What is the approximate number of personnel used to operate the facility/equipment?

Fifteen to twenty five.

14. What is the approximate number of personnel needed to maintain the equipment?

Four, plus on-call contracted maintenance.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.

Primary UIC: 00251

Facility or Equipment Nomenclature or Title: Central Site Mainframe

10. List the functional support areas (previously provided in Tab A) that this facility/equipment supports.

This equipment supports:
All Shipyard functions.

11. Provide the historical utilization average for the past five fiscal years (FY1989-1993). Define the unit of measure used.

24 hours a day, 7 days a week, 51 weeks a year. Supports approximately 350 users during peak on line times.

12. Provide the projected utilization data out to FY 1997.

FY95 35 simultaneous users
FY96 35 simultaneous users
FY97 35 simultaneous users

13. What is the approximate number of personnel used to operate the facility/equipment?

Fifteen to twenty five.

14. What is the approximate number of personnel needed to maintain the equipment?

Four, plus on-call contracted maintenance.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.

Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	**Puget Sound Naval Shipyard N00251**
Facility or Equipment Nomenclature or Title	**Industrial Wastewater Treatment Plant - Bldg. 871**

1. State the primary purpose(s) of the facility/equipment.

Treatment of metal-finishing wastewater.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Fixed.

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement value = **$7.7 million**

4. Provide the gross weight and cube of the facility/equipment.

Gross Weight = **N/A** Cube = **60' x 183' x 30'H**

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

45 KVA at 480V
Hard-piped to Buildings 873, 857, and 107.

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.)

Building foundation includes segregated holding tanks up to 200,000 gal. in size.

7. State any environmental control requirements for the facility/equipment (i.e. temperature, humidity, air scrubbing).

Tanks are vented through a gas scrubber system

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

Impossible to relocate. Replication off-site could jeopardize permit status for Shipyard metal finishing and cleaning facilities.

9. Indicate how and when the facility/equipment was transported and/or constructed at the site.

Constructed on site, 1977.

PHOTO BEING FORWARDED WITH SEPARATE CERTIFICATION

Primary UIC: 00251

Facility or Equipment Nomenclature or Title: Industrial Wastewater Treatment Plant

10. List the functional support areas (previously provided in Tab A) that this facility/equipment supports.

11. Provide the historical utilization average for the past five fiscal years (FY1989-1993). Define the unit of measure used.

FY 89-92 Approx. 2M Gal/Yr
FY 93 1.4M Gal/Yr

12. Provide the projected utilization data out to FY 1997.

1.1M Gal/Yr

13. What is the approximate number of personnel used to operate the facility/equipment?

2-3 Operators per shift. C/134 personnel are used regularly for chem. analysis.

14. What is the approximate number of personnel needed to maintain the equipment?

Operators perform normal maintenance work.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.

Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	**Puget Sound Naval Shipyard N00251**
Facility or Equipment Nomenclature or Title	**PORTAL CRANE #35**

1. State the primary purpose(s) of the facility/equipment.

Support recycling and various general pierside/drydock work.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

Moveable.

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement value = **$10,000,000**

4. Provide the gross weight and cube of the facility/equipment.

Gross Weight = **1,100,000** Cube = **N/A**

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

Requires 20' gage for tracks designed for appropriate wheel loads.

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.)

None

7. State any environmental control requirements for the facility/equipment (i.e. temperature, humidity, air scrubbing).

None. Standard environmental controls for diesel engines.

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

Specially designed and manufactured, long-lead time product for specific applications. May not be readily relocatable without modification to the facility or equipment.

9. Indicate how and when the facility/equipment was transported and/or constructed at the site.

Records do not indicate how the crane was transported. Crane possibly was shipped by barge. Received in 1942.

PHOTO BEING FORWARDED WITH SEPARATE CERTIFICATION

Primary UIC: 00251

Facility or Equipment Nomenclature or Title: Portal Crane #35

10. List the functional support areas (previously provided in Tab A) that this facility/equipment supports.

Products: 1.1, submarine platform, 1.3, surface ship platform, 9.1 strategic.
Functions: Modernization, repair, retirement, maintenance.

11. Provide the historical utilization average for the past five fiscal years (FY1989-1993). Define the unit of measure used.

Avg. crane runs hours per year - 3,658

12. Provide the projected utilization data out to FY 1997.

FY97	**4,050**
FY95	**3,680**
FY90	**3,200**

13. What is the approximate number of personnel used to operate the facility/equipment?

1 Operator

14. What is the approximate number of personnel needed to maintain the equipment?

Three engineers, two inspectors, one test director, one crane operator, two riggers, four mechanics, two electricians, two planner/estimators.

Total workdays maintenance in 1993 were 3,445.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.

Primary UIC: 00251

R

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITY/EQUIPMENT CAPABILITY FORM

Activity Name:	**Puget Sound Naval Shipyard (N00251)**
Equipment Nomenclature NID Number	**AUTO PROPELLER OPT. Measurement Sys (APOMS)** **N00251-044889**

1. Primary purpose(s) of the equipment:
   Laser measurement of ships' propellers

2. The equipment is: _ Portable _ Moveable x Fixed

3. Replacement cost (excludes building and utilities): $5,500,000

4. Equipment: Gross Weight 40,000 lbs. Size 100'L x 60'W x 30'H

5. Utilities required: x Electrical power* (460 VAC, 3 Phase, 60 Hz)
   x Compressed air _ Potable water _ Steam
   _ Fuel oil _ Compressed gas

6. Special x foundation / _ shielding required.
   Estimated cost: $1,500,000 (Included in #3, above)

7. Environmental control(s) required: None

8. Feasibility to relocate/replicate at another site (fixed asset, only):
   _ Relocatable x Extremely difficult _ Impossible

9. The equipment was installed at the present site in 1993. R
   Constructed: x On site _ In Shipyard and moved to site
   Purchased/Shipped: _ Fully assembled x Broken down for transport
   Transported to site via: x Truck _ Rail _ Barge x Crane

10. The equipment supports:
    Products:
    - x 1.1 Undersea
    - x 1.3 Surface Ship
    - _ 2.1 Gun Systems
    - _ 2.2 Guided Missiles
    - _ 2.8 Launchers
    - _ 2.9 Fire Control
    - _ 3. Combat Systems
    - _ 5.1 Sonar
    - _ 5.2 Radar
    - _ 6.1 & 6.3 Navigation
    - _ 7.1 & 7.3 C^3I
    - x 9.1 Strategic Systems
    - _ 10.6 Crew equipment

    Functions: x Modernization x Repair
    _ Retirement _ Testing

11. Historical utilization - average hours - past five fiscal years:
    FY 89 N/A FY 90 N/A FY 91 N/A FY 92 N/A FY 93 100

12. Projected utilization - average hours - to FY 97:
    FY 94 200 FY 95 200 FY 96 200 FY 97 200

13. Approximate number of personnel required to operate the equipment: 2

14. Approximate number of manhours required to maintain the equipment: 40

Primary UIC: 00251

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITY/EQUIPMENT CAPABILITY FORM

Activity Name:	**Puget Sound Naval Shipyard (N00251)**
Equipment Nomenclature NID Number	**AUTO PROPELLER OPT. Measurement Sys (APOMS)** **N00251-044889**

1. Primary purpose(s) of the equipment:
   Laser measurement of ships' propellers

2. The equipment is: _ Portable _ Moveable x Fixed

3. Replacement cost (excludes building and utilities): $5,500,000

4. Equipment: Gross Weight 40,000 lbs. Size 100'L x 60'W x 30'H

5. Utilities required: x Electrical power* (460 VAC, 3 Phase, 60 Hz)
   x Compressed air _ Potable water _ Steam
   _ Fuel oil _ Compressed gas

6. Special x foundation / _ shielding required.
   Estimated cost: $1,500,000 (Included in #3, above)

7. Environmental control(s) required: **None**

8. Feasibility to relocate/replicate at another site (fixed asset, only):
   _ Relocatable x Extremely difficult _ Impossible

9. The equipment was installed at the present site in 19__.
   Constructed: x On site _ In Shipyard and moved to site
   Purchased/Shipped: _ Fully assembled x Broken down for transport
   Transported to site via: x Truck _ Rail _ Barge x Crane

10. The equipment supports:
    Products:
    x 1.1 Undersea
    x 1.3 Surface Ship
    _ 2.1 Gun Systems
    _ 2.2 Guided Missiles
    _ 2.8 Launchers
    _ 2.9 Fire Control
    _ 3. Combat Systems
    _ 5.1 Sonar
    _ 5.2 Radar
    _ 6.1 & 6.3 Navigation
    _ 7.1 & 7.3 C^3I
    x 9.1 Strategic Systems
    _ 10.6 Crew equipment

    Functions: x Modernization x Repair
    _ Retirement _ Testing

11. Historical utilization - average hours - past five fiscal years:
    FY 89 N/A FY 90 N/A FY 91 N/A FY 92 N/A FY 93 100

12. Projected utilization - average hours - to FY 97:
    FY 94 200 FY 95 200 FY 96 200 FY 97 200

13. Approximate number of personnel required to operate the equipment: 2

14. Approximate number of manhours required to maintain the equipment: 40

PHOTO BEING FORWARDED WITH SEPARATE CERTIFICATION

UIC N00251

Data Being Certified: BRAC 95 Data Call Number 42, 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)

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

6/24/94

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)

Signature

7-5-94

Date

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)

W. A. EARNER

NAME (Please type or print)

Signature

Title

8/10/94

Date

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

In accordance with policy set forth by the Secretary of the Navy, personnel 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 42

ACTIVITY COMMANDER

V. T. Williams, Commander, US Navy — V T Williams
NAME (Please type of print) — Signature

Shipyard Commander (Acting) — 23 JUNE 1994
Title — Date

Puget Sound Naval Shipyard
Activity

pg 24 + 28 118

UIC N00251

Data Being Certified: BRAC 95 Data Call Number 42, 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)

Edward L. Shelton

NAME (Please type or print) Signature

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

9/15/94

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

9/15/94

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)

W. A. EARNER

NAME (Please type or print) Signature

9/21/94

Title 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.

Data Being Certified: BRAC 95, Data Call Work Sheet For Military Value, Amendment One

ACTIVITY COMMANDER

G. R. YOUNT, Captain, U.S. Navy	
NAME (Please type of print)	Signature
Shipyard Commander	9/14/94
Title	Date
Puget Sound Naval Shipyard	
Activity	

118
table 8.2 (4 pages)
UIC N00251

Data Being Certified: BRAC 95 Data Call Number 42 Amendment 1, 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)

9/15/94

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

9/15/94

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)

W. A. EARNER

NAME (Please type or print) Signature

9/20/94

Title 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.

Data Being Certified: BRAC 95, Data Call 42, #1.3 & 2.4 (Revised)

ACTIVITY COMMANDER

G. R. YOUNT, Captain, U.S. Navy
NAME (Please type of print)

Signature

Shipyard Commander
Title

9/14/95
Date

Puget Sound Naval Shipyard
Activity

118

UIC N00251

Data Being Certified: BRAC 95 Data Call Number 42, 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)

Robert S. Johnson

NAME (Please type or print) Signature

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

Title

16 September 1994

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

9-21-94

Date

G. R. 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)

P.W. DRENNON

NAME (Please type or print) Signature

Acting

Title

12 OCT 1994

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.

Data Being Certified: BRAC 95, Data Call 42, Tab A #2b & 2c (all pages), Tab B #9 on pages 99, 100, 157, 172 and #13 & 14 on page 134, #12 on page 167 (Revised)

ACTIVITY COMMANDER

G. R. YOUNT, Captain, U.S. Navy	
NAME (Please type of print)	Signature
Shipyard Commander	8/5/95
Title	Date
Puget Sound Naval Shipyard	
Activity	

118

UIC N00251

Data Being Certified: BRAC 95 Data Call Number 42, Revisions, 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)

Robert S. Johnson

NAME (Please type or print)

Signature

Director, Field Activity Support Group
Naval Shipyard and SUPSHIP Management
and Field Activity Support Directorate

Title

10/2/94

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)

Signature

G. R. STERNER

Commander

Title

Naval Sea Systems Command

10-4-94

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)

P.W. DRENNON

NAME (Please type or print)

Signature

Acting

Title

12 OCT 1994

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.

Data Being Certified: BRAC 95, Data Call 42, #1.2a, 1.2b, 1.2c, & 1.2d (Revised)

ACTIVITY COMMANDER

V. T. WILLIAMS, Captain, US Navy
NAME (Please type of print)

V T Williams
Signature

Shipyard Commander (Acting)
Title

9/30/94
Date

Puget Sound Naval Shipyard
Activity

118

UIC N00251

Data Being Certified: BRAC 95 Data Call Number 42, Puget Sound Naval Shipyard, Question 9.4, 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

10/13/94

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

Signature

G. R. STERNER
Commander
Naval Sea Systems Command

Title

10/13/94

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)

J B Greene Jr.

Signature

ACTING

Title

14 OCT 1994

Date

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

In accordance with policy set forth by the Secretary of the Navy, personnel 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."

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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 42, #9.4 (Revised)

ACTIVITY COMMANDER

V. T. WILLIAMS, Captain, US Navy
NAME (Please type of print)

V T Williams
Signature

Shipyard Commander (Acting)
Title

10/5/94
Date

Puget Sound Naval Shipyard
Activity