

Summary of Scenario Environmental Impacts

IND-0056

Action 1: Close all base operations at Naval Shipyard Portsmouth NH. (DON-0133)

Action 2: Consolidate NAVSHIPYD PORTSMOUTH NH with NAVSHIPYD NORFOLK VA.

Action 3: Consolidate NAVSHIPYD PORTSMOUTH NH with NAVSHIPYD PUGET SOUND WA.

Action 4: Consolidate NAVSHIPYD PORTSMOUTH NH with NAVSHIPYD PEARL HARBOR, HI.

Action 11: Consolidate SUBMEPP PORTSMOUTH with NAVSHIPYD NORFOLK VA.

General Environmental Impacts

Environmenta l Resource Area	Naval Shipyard Portsmouth (Installation Closed)	Naval Shipyard Norfolk (Gaining Installation)	Naval Station Bremerton (NSY Puget Sound) (Gaining Installation)	Naval Station Pearl Harbor (NSY Pearl Harbor Gaining Installation)
Air Quality	Slight Improvement to Air Quality	Possible Impact from additional functions. Scenario would result in an estimated net personnel increase of 3,083 people at the receiving facility. The estimated additional NOx emissions for this number of people is 62.8 tons/yr. Based on a Conformity Determination triggering threshold of 100 tons/yr, this level of increased emissions would not trigger a formal Conformity	No impact. In attainment.	No impact.

		Determination. Naval Shipyard Norfolk is in Maintenance for 1 Hour Ozone, and Marginal Non attainment for the 8-hour Ozone.		
Cultural/ Archeological/ Tribal Resources	No impact.	Some buildings are listed as State of Virginia historical sites. However, the new functions proposed at NNSY will require simple facility modifications that the State Historical Preservation Office has approved in the past.	The new mission will not be constrained by cultural, archeological or tribal restriction, but consultation with SHPO and Suquamish Tribe will be necessary for most construction projects.	No impact.
Dredging	No impact.	No Impact.	No impact.	No impact.
Land Use Constraints/ Sensitive Resource Areas ESQD arcs	No impact.	No impact.	No impact.	No impact.
Marine Mammals/Marine Resources/ Marine Sanctuaries	Alleviates impacts to marine mammals.	No impact.	No impact.	No impact.
Noise	Reduces noise levels	No impact.	No impact.	No impact.
Threatened& Endangered Species/Critical Habitat	No impact.	No impact.	NAVSTA Bremerton does not have a biological opinion. Threatened and endangered species are present no impacts are anticipated.	No impact.
Waste Management	Reduces waste disposals	Possible impact. Increased waste	Possible impact. The solid waste	No impact.

	associated with the lost assets.	volumes can be accommodated without significant changes to existing facilities and disposal mechanisms.	burden is calculated at 4.5 pounds per person per day. Based upon the personnel movement identified in the scenario, the increase in the solid waste burden would be 200K pounds annually.	
Water Resources	Reduces water usage associated with the lost assets.	Possible impact. Increased usage of water resources. Naval Shipyard Norfolk discharges to an impaired waterway. Groundwater and Surface water contamination is reported.	No impact.	No impact.
Wetlands	No impact.	No impact.	NAVSTA Bremerton has 16% of the station listed as wetlands. Infracation onto these wetlands could create a problem requiring mitigation.	No impact.

Impacts of Costs

Selection Criterion 8 Environmental Points	Naval Shipyard Portsmouth (Installation Closed)	Naval Shipyard Norfolk (Gaining Installation)	Naval Station Bremerton (NSY Puget Sound) (Gaining Installation)	Naval Station Pearl Harbor (NSY Pearl Harbor Gaining Installation)
Environmental Restoration	DERA costs \$ 46.8M thru FY 03; with \$47.1 M CTC	DERA costs \$1.4 M thru FY 03; with \$3.7 M CTC	DERA costs \$70.3M thru FY03; \$27.5M CTC	DERA costs \$137.9M thru FY03; \$178.7M CTC
Waste Management	\$16M Hazardous waste & material	None	None	None
Environmental Compliance	<p>\$735K Spill Response Capabilities. Via formal Mutual Aid Agreements, Portsmouth Naval Shipyard provides Hazardous Material Spill Response capability for York County in the State of Maine; and Oil Spill Response Capabilities in support of the regional Response Teams and the Piscataqua River Cooperative (PRC). These capabilities would no longer be available. Therefore, PRC has indicated that they will need to purchase \$735K of additional equipment if PNS capabilities were no longer available.</p>	\$400K Environmental Assessment	None	None



Candidate # IND-0056

Candidate Recommendation: Realign NAVSHIPYD PORTSMOUTH NH by relocating the ship depot repair function to NAVSHIPYD NORFOLK VA, NAVSHIPYD AND IMF PEARL HARBOR HI, and NAVSHIPYD PUGET SOUND WA, and by relocating the Submarine Maintenance Engineering, Planning and Procurement Command to NAVSHIPYD NORFOLK VA.

Justification

- Reduce excess capacity
- Mission elimination
- Enables DON-0133, closure of Portsmouth

Military Value

- Relative MV Scores
 - Puget Sound, 1st of 9
 - Norfolk, 2nd of 9
 - Portsmouth, 3rd of 9
 - Pearl Harbor, 4th of 9
- Military Judgment: Close Portsmouth because it is the only closure that eliminates excess and satisfies Navy desires to strive to place ship maintenance close to the Fleet

Payback

- One-time cost: \$426M
- Net implementation cost: \$204M
- Annual recurring savings : \$73M
- Payback time: 7 Years
- NPV (savings): \$486M

Impacts

- Criteria 6: -8,420 jobs (4,233 direct, 4,187 indirect); 3.53%
- Criteria 7: No issues
- Criteria 8: Air quality, water resources and water management issues. No impediments

CLOSE HOLD

Material contained herein is sensitive. Release of data or analysis pertaining to evaluation of military bases for closure or realignment is restricted until the Secretary of Defense forwards recommendations to the Defense Base Closure and Realignment Commission in May 2005. All individuals handling this information should take steps to protect the material herein from disclosure.

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IND 0056

Realign NAVSHIPYD PORTSMOUTH
NH by relocating the ship depot repair
function to NAVSHIPYD NORFOLK
VA, NAVSHIPYD AND IMF PEARL
HARBOR HI, and NAVSHIPYD PUGET
SOUND WA



Industrial Joint Cross-Service Group
2301 Gallows Road
Dunn Loring, Virginia 22182
POC: S. Krum or CDR J. Jepson, USN
(703) 560-3208, 4972

IJCSG-IND-0056

Economic Impact Report

This report depicts the economic impact of the following Scenarios:

IND-0056: PNSY Close

The data in this report is rolled up by Region of Influence

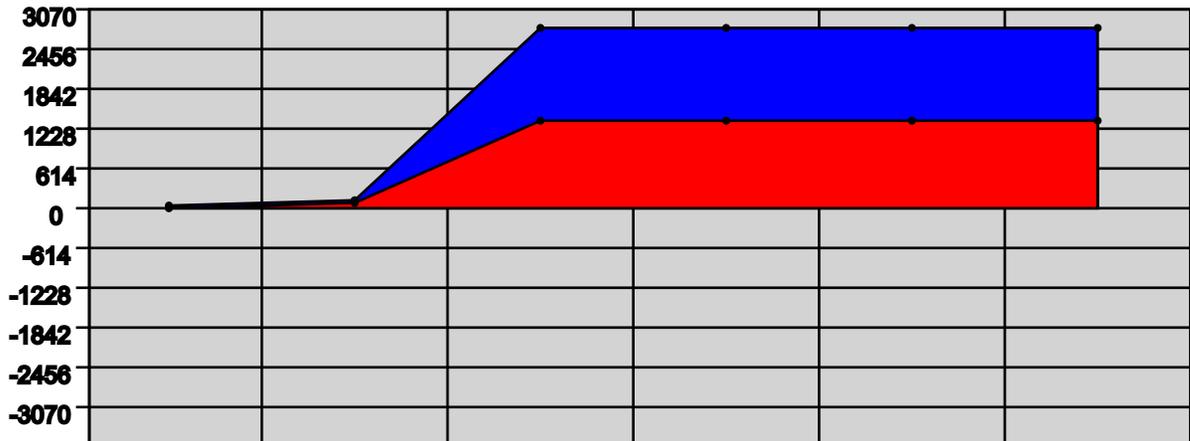
ECONOMIC IMPACT DATA

Scenario: All Selected (see title page)
Economic Region of Influence(ROI): Bremerton-Silverdale, WA Metropolitan Statistical Area
Base: All Bases
Action: All Actions

Overall Economic Impact of Proposed BRAC-05 Action:

ROI Population (2002):	238,510
ROI Employment (2002):	119,170
Authorized Manpower (2005):	13,927
Authorized Manpower(2005) / ROI Employment(2002):	11.69%
Total Estimated Job Change:	2,790
Total Estimated Job Change / ROI Employment(2002):	2.34%

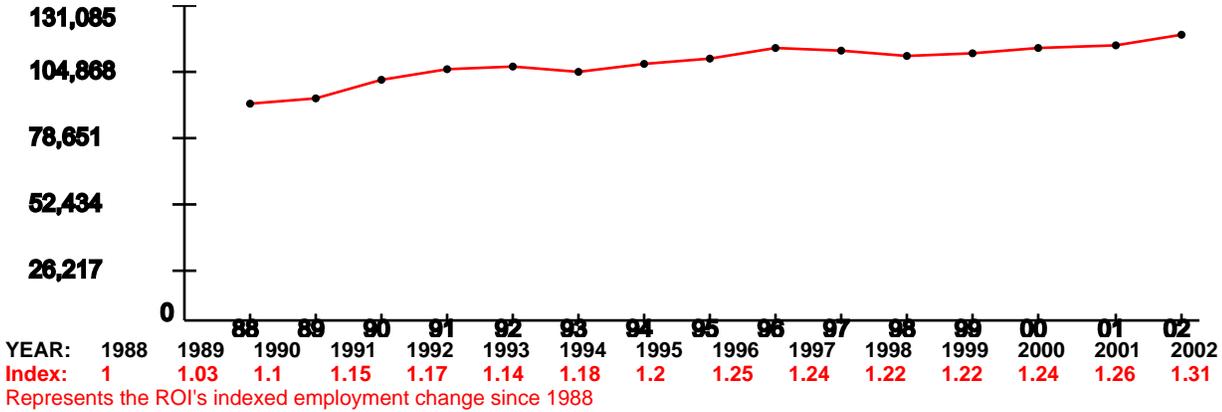
Cumulative Job Change (Gain/Loss) Over Time:



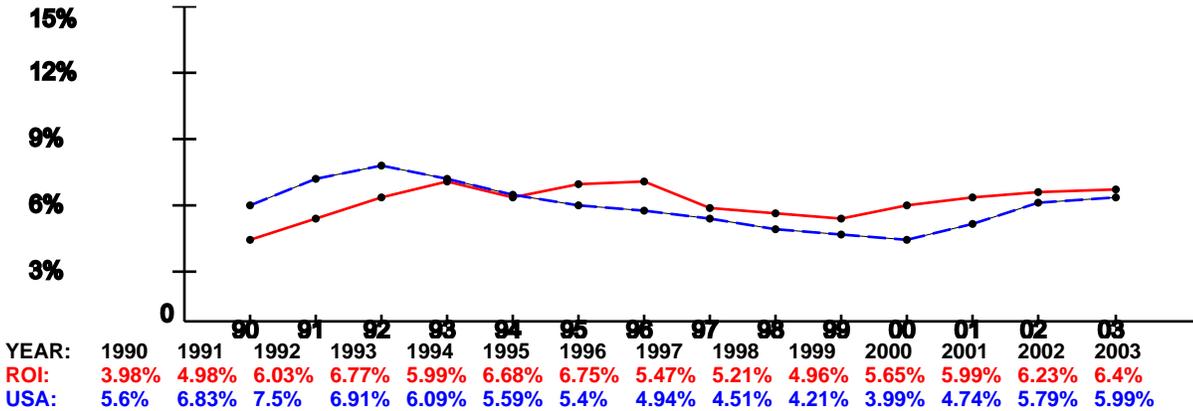
YEAR:	2006	2007	2008	2009	2010	2011
Direct Military:	0	0	0	0	0	0
Direct Civilian:	16	50	1293	0	0	0
Direct Student:	0	0	0	0	0	0
Direct Contractor:	0	0	0	0	0	0
Cumulative Direct:	16	66	1359	1359	1359	1359
Cum Indlr/Induc:	17	70	1431	1431	1431	1431
Cumulative Total:	33	136	2790	2790	2790	2,790

Bremerton-Silverdale, WA Metropolitan Statistical Area Trend Data

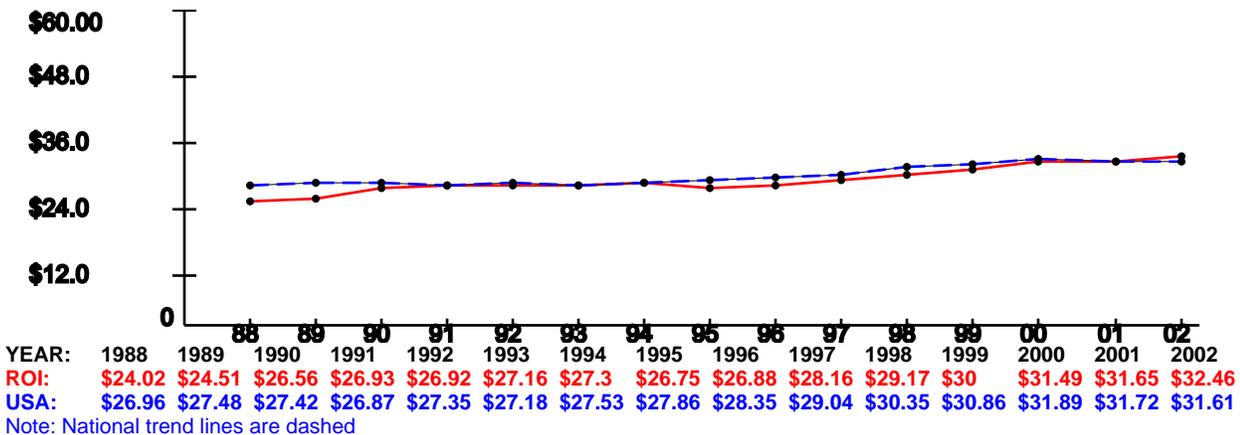
Employment Trend (1988-2002)



Unemployment Percentage Trend (1990-2003)



Per Capita Income x \$1,000 (1988-2002)



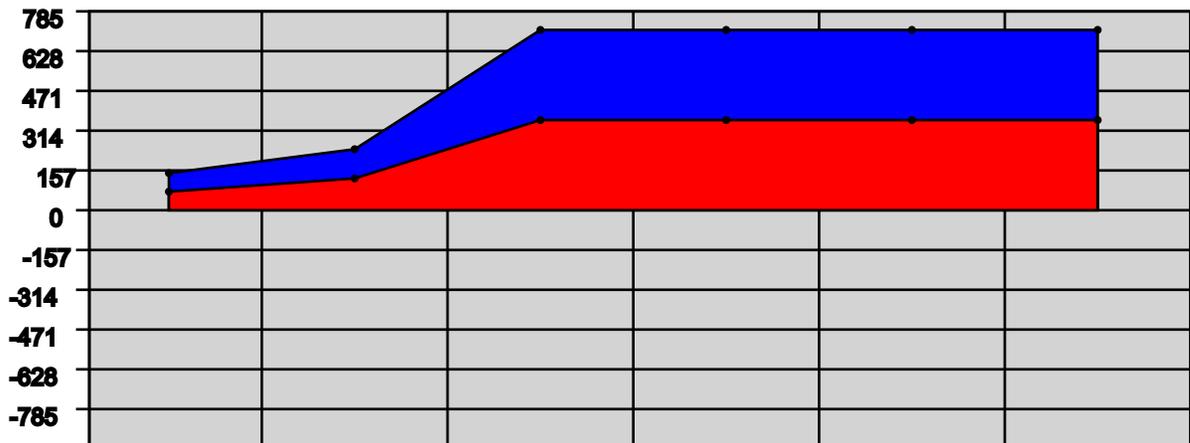
ECONOMIC IMPACT DATA

Scenario: All Selected (see title page)
Economic Region of Influence(ROI): Honolulu, HI Metropolitan Statistical Area
Base: All Bases
Action: All Actions

Overall Economic Impact of Proposed BRAC-05 Action:

ROI Population (2002):	892,562
ROI Employment (2002):	573,389
Authorized Manpower (2005):	40,537
Authorized Manpower(2005) / ROI Employment(2002):	7.07%
Total Estimated Job Change:	714
Total Estimated Job Change / ROI Employment(2002):	0.12%

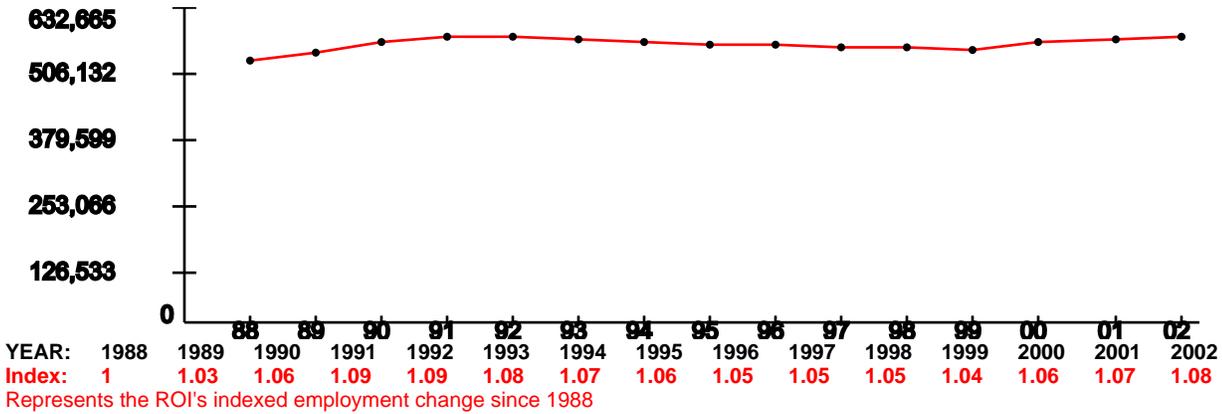
Cumulative Job Change (Gain/Loss) Over Time:



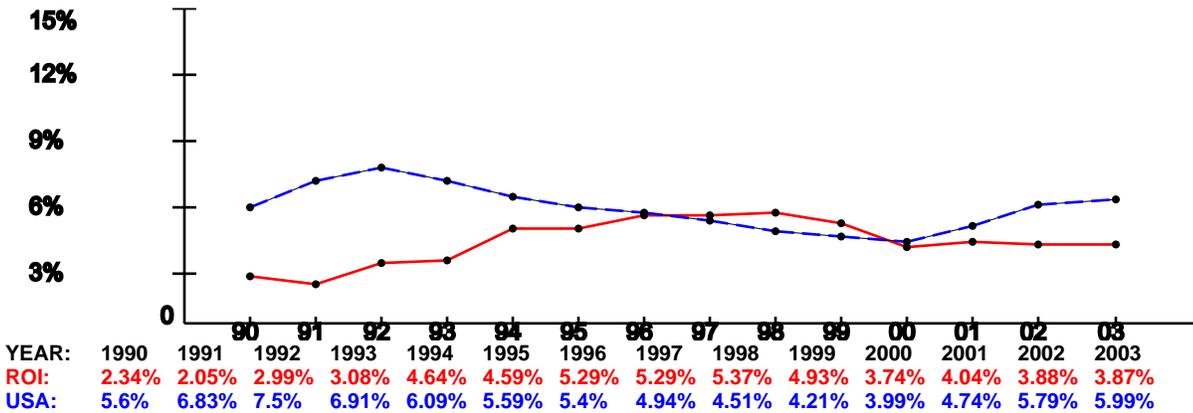
YEAR:	2006	2007	2008	2009	2010	2011
Direct Military:	0	0	0	0	0	0
Direct Civilian:	71	50	236	0	0	0
Direct Student:	0	0	0	0	0	0
Direct Contractor:	0	0	0	0	0	0
Cumulative Direct:	71	121	357	357	357	357
Cum Indir/Induc:	71	121	357	357	357	357
Cumulative Total:	142	242	714	714	714	714

Honolulu, HI Metropolitan Statistical Area Trend Data

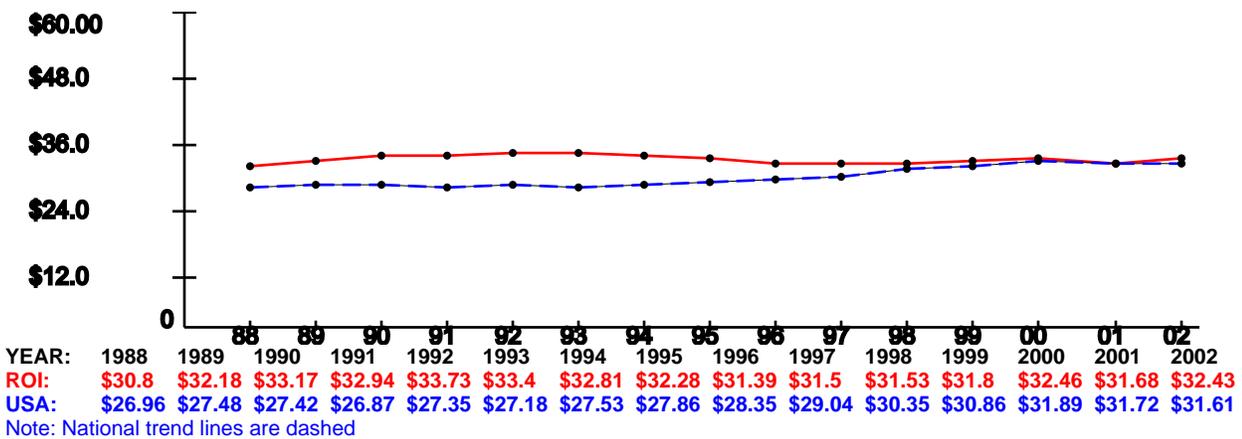
Employment Trend (1988-2002)



Unemployment Percentage Trend (1990-2003)



Per Capita Income x \$1,000 (1988-2002)



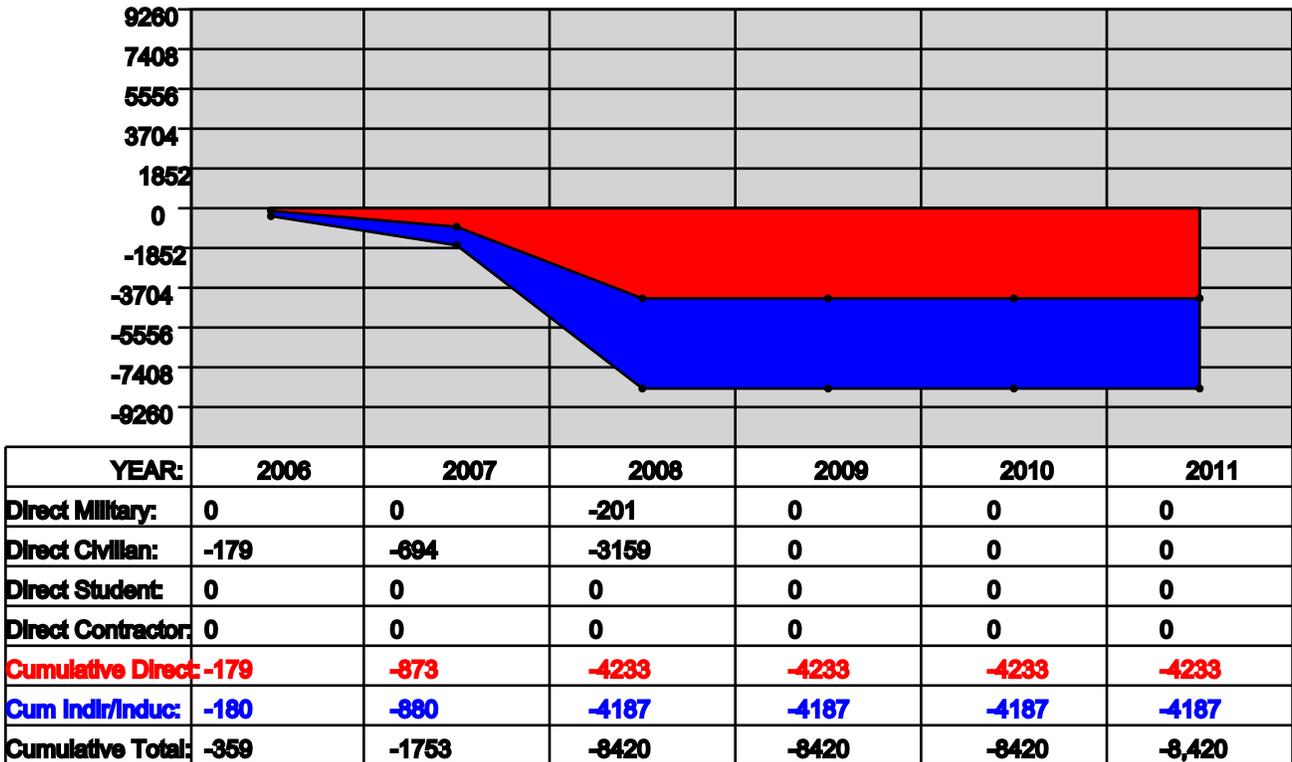
ECONOMIC IMPACT DATA

Scenario: All Selected (see title page)
Economic Region of Influence(ROI): Rockingham County-Strafford County, NH Metropolitan Division
Base: All Bases
Action: All Actions

Overall Economic Impact of Proposed BRAC-05 Action:

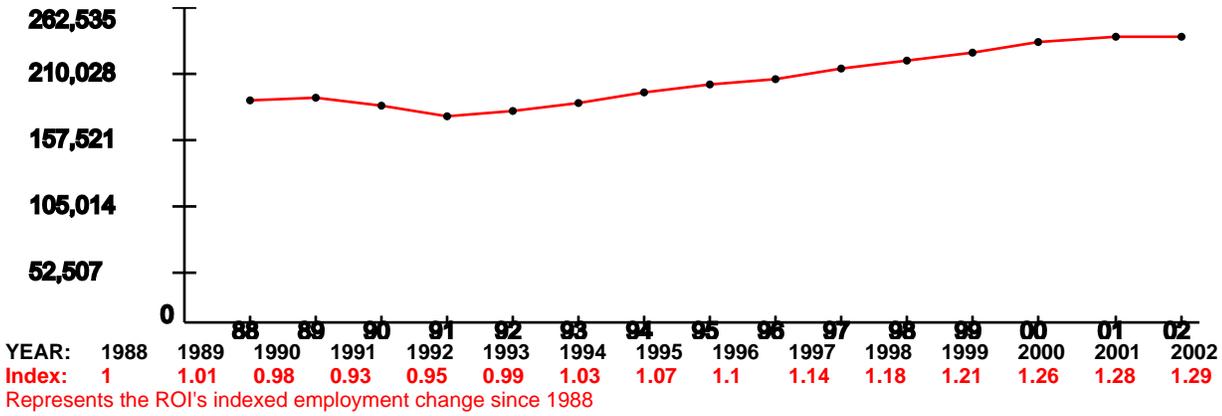
ROI Population (2002): 403,722
 ROI Employment (2002): 238,671
 Authorized Manpower (2005): 5,743
 Authorized Manpower(2005) / ROI Employment(2002): 2.41%
 Total Estimated Job Change: -8,420
 Total Estimated Job Change / ROI Employment(2002): -3.53%

Cumulative Job Change (Gain/Loss) Over Time:

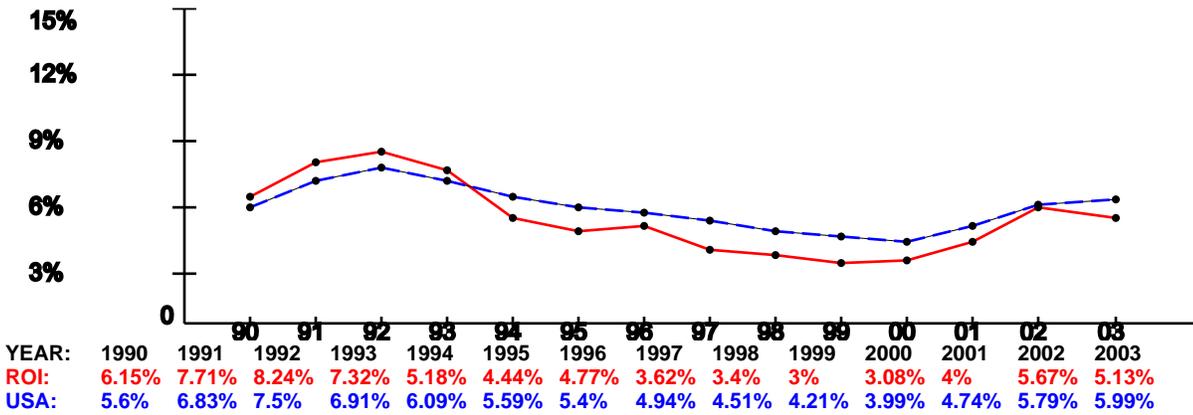


Rockingham County-Strafford County, NH Metropolitan Division Trend Data

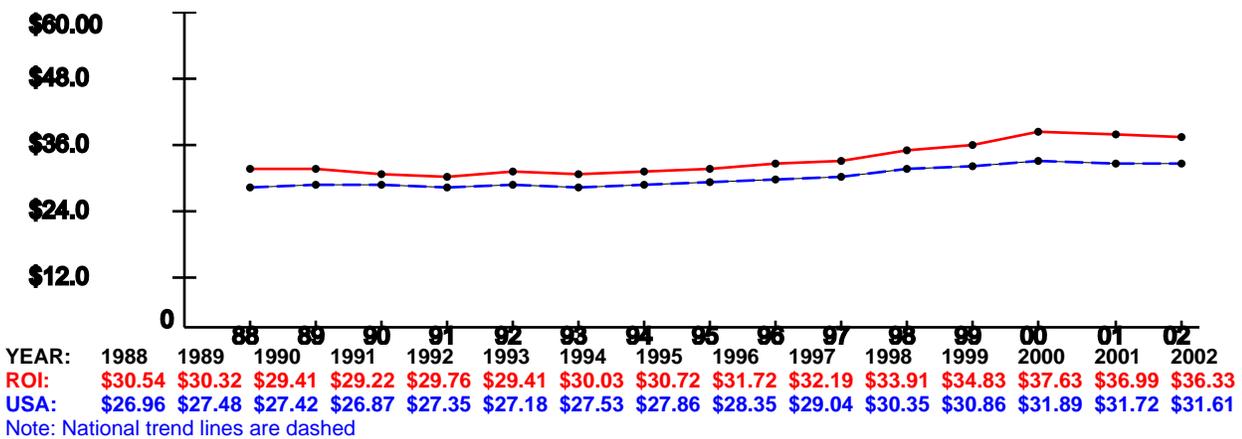
Employment Trend (1988-2002)



Unemployment Percentage Trend (1990-2003)



Per Capita Income x \$1,000 (1988-2002)



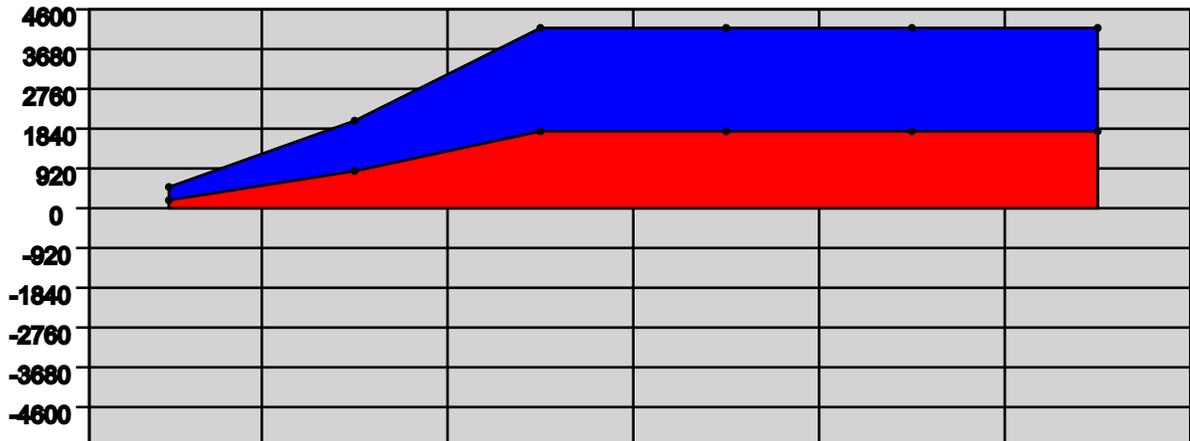
ECONOMIC IMPACT DATA

Scenario: All Selected (see title page)
Economic Region of Influence(ROI): Virginia Beach-Norfolk-Newport News, VA-NC Metropolitan Statistical Area
Base: All Bases
Action: All Actions

Overall Economic Impact of Proposed BRAC-05 Action:

ROI Population (2002): 1,613,728
 ROI Employment (2002): 978,888
 Authorized Manpower (2005): 10,474
 Authorized Manpower(2005) / ROI Employment(2002): 1.07%
 Total Estimated Job Change: 4,185
 Total Estimated Job Change / ROI Employment(2002): 0.43%

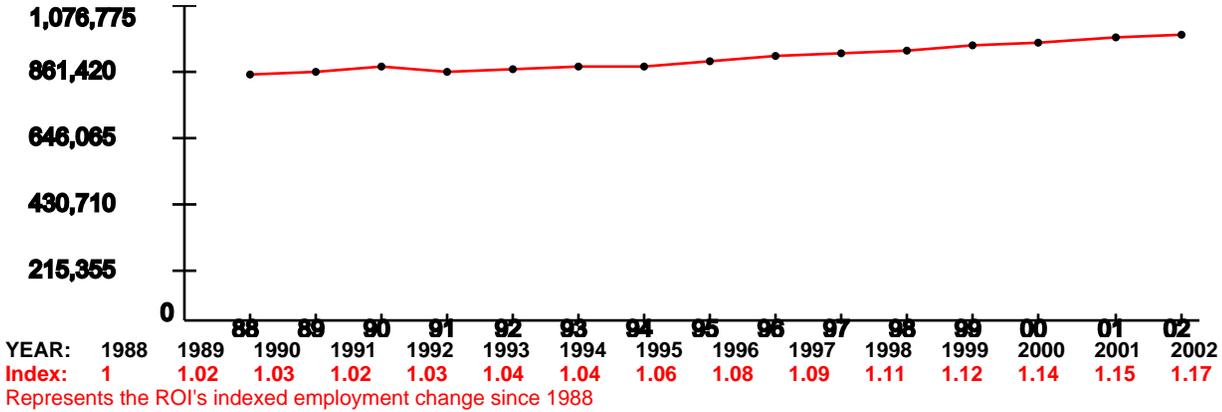
Cumulative Job Change (Gain/Loss) Over Time:



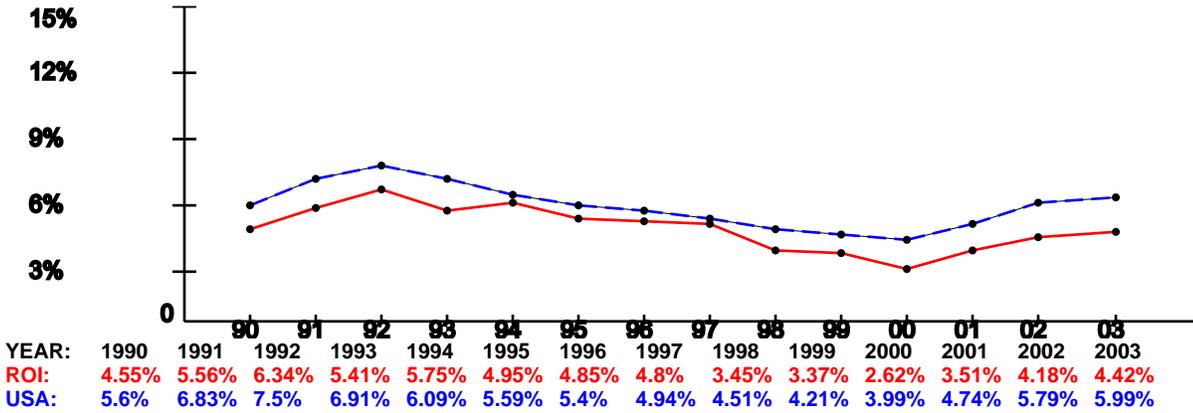
YEAR:	2006	2007	2008	2009	2010	2011
Direct Military:	0	0	0	0	0	0
Direct Civilian:	200	648	903	0	0	0
Direct Student:	0	0	0	0	0	0
Direct Contractor:	0	0	0	0	0	0
Cumulative Direct:	200	848	1751	1751	1751	1751
Cum Indlr/Induc:	278	1179	2434	2434	2434	2434
Cumulative Total:	478	2027	4185	4185	4185	4,185

Virginia Beach-Norfolk-Newport News, VA-NC Metropolitan Statistical Area Trend Data

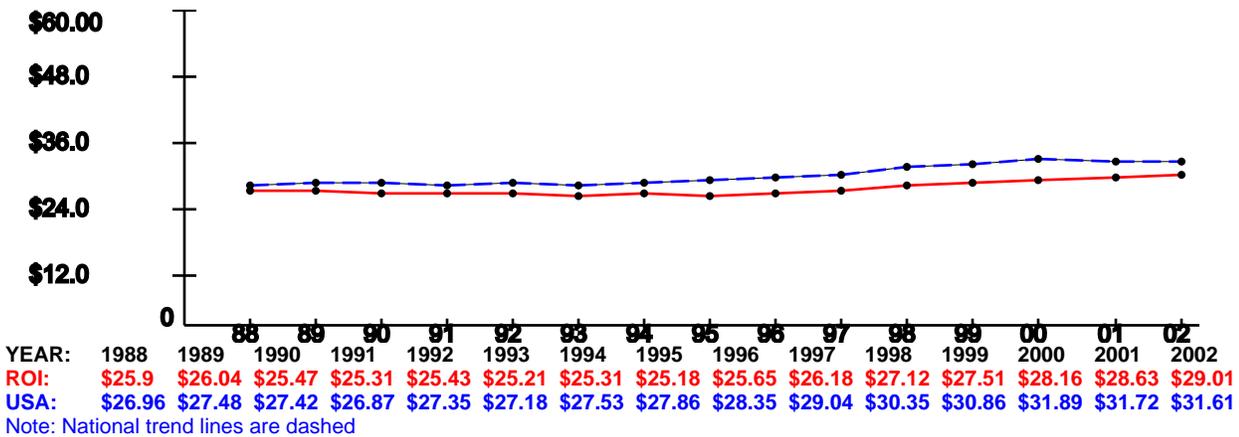
Employment Trend (1988-2002)



Unemployment Percentage Trend (1990-2003)



Per Capita Income x \$1,000 (1988-2002)



Candidate Recommendation # IND-0056

Supporting Information

Competing Recommendations: None. This recommendation enables DON-0133, which closes Portsmouth Naval Shipyard.

Force Structure Capabilities:

Initial analysis was conducted upon certified data relating to current capability and military value. The results of that analysis were then compared to the capabilities identified by the Navy to support the 20 Force Structure Plan. This recommendation was found compliant with those capability requirements.

Military Value Analysis Results:

A detailed list of military value scores for ship depot repair activities is attached. This recommendation relocates the ship depot repair function from Portsmouth NSY, which ranks 3rd among 9 depot activities, to Norfolk NSY, which ranks 2nd, to Puget Sound NSY, which ranks 1st, and to Pearl Harbor NSY, which ranks 4th. This recommendation also relocates the ship depot support function from SUBMEPP Portsmouth, which ranks 7th among 9 depot activities, to Norfolk NSY, which ranks 2nd.

There are four Naval Shipyards performing depot-level ship refueling, modernization, overhaul and repair work: Norfolk, Pearl Harbor, Portsmouth and Puget Sound NSYs. Norfolk and Puget Sound NSYs are substantially larger than Pearl Harbor and Portsmouth NSYs. There is sufficient excess capacity in the aggregate across the four shipyards to close either Pearl Harbor NSY or Portsmouth NSY. Closing any other shipyard or combination of shipyards cannot be done within the excess capacity available at the remaining shipyards. Capacity data was collected across 35 commodity groups. For some of the commodities, there is currently insufficient excess capacity within the commodity to accept all the workload from a closing shipyard; however, when analyzing across the Navy's twenty-year Force Structure Plan, each commodity workload can be accommodated. The quantitative Military Value scores from the analysis of the four Naval Shipyards are: Puget Sound, 0.7480; Norfolk, 0.7339; Portsmouth, 0.6444; and Pearl Harbor, 0.6208. Although Portsmouth has a higher quantitative military value as a shipyard than Pearl Harbor, Portsmouth was selected for closure, rather than Pearl Harbor, because it is the only closure which could eliminate excess capacity and satisfy Navy guidance to strive to place ship maintenance capabilities close to the Fleet to: dry dock CVNs and submarines on both coasts and in the central Pacific; refuel/de-fuel/inactivate nuclear-powered ships; and dispose of inactivated nuclear-powered ship reactor compartments. It is the military judgment of the Industrial Joint Cross Service Group that closing

Portsmouth Naval Shipyard provides the highest overall military value to the Department.

Capacity Analysis Results:
Please see attached.

IJCSG Summary Military Value Report for Shipyards

<i>Activity:</i>	<i>Score:</i>
NAVSHIPYD_PUGET_SOUND_WA	0.7480
NAVSHIPYD_NORFOLK_VA	0.7339
NAVSHIPYD_PORTSMOUTH_NH	0.6444
NAVSHIPYD_AND_IMF_PEARL_HARBOR_HI	0.6208
NNSY_DET_NAVFOUNDRYPROPCEN_PHIL_PA	0.2220
NAVSHIPYD_PUGET_SOUND_DET_BOSTON_MA	0.0872
SUBMEPP_PORTSMOUTH_NH	0.0630
NNSY_DET_NAVPESO_ANNAPOLIS_MD	0.0555
NNSY_DET_NAVSHIPSO_PHIL_PA	0.0546

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NAVSHIPYD_PORTSMOUTH_NH, NH

Demographics

The following tables provide a short description of the area near the installation/activity. NAVSHIPYD_PORTSMOUTH_NH is 47.6 miles from Manchester, NH, the nearest city with a population of 100,000 or more. The nearest metropolitan statistical area (MSA) is

MSA	Population
Boston-Worcester-Lawrence-Lowell-Brockton, MA-NH NECMA	6,057,826

The following entities comprise the military housing area (MHA):

County/City	Population
Rockingham	277359
Strafford	112233
York	186742
Total	576,334

Child Care

This attribute captures the number of nationally accredited child-care centers within the local community: 6

Cost of Living

Cost of Living provides a relative measure of cost of living in the local community. General Schedule (GS) Locality Pay provides a relative scale to compare local salaries with government salaries and Basic Allowance for Housing (BAH) is an indicator of the local rental market. In-state tuition is an indicator of the support provided by the state for active duty family members to participate in higher-level education opportunities.

Median Household Income	(US Avg \$41,994)	\$52,306	Basis: MSA
Median House Value	(US Avg \$119,600)	\$190,000	
GS Locality Pay	("Rest of US" 10.9%)	17.0%	
O-3 with Dependents BAH Rate		\$2,079	
In-state Tuition for Family Member		Yes	
In-state Tuition Continues if Member PCSs Out of State		No	

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Education

This attribute defines the population in local school districts and identifies capacity. The pupil/teacher ratio, graduation rate, percentage of certified teachers and composite SAT I/ACT scores provide a relative quality indicator of education. This attribute also attempts to give communities credit for the potential intellectual capital they provide.

NOTE: “MFR” means a Memorandum For Record is on file at the installation/activity/agency to document problems in obtaining the required information. Reasons for not being able to obtain information may be that the school district refused to provide the information or the school district does not use or track the information.

If the installation/activity/agency has incomplete information from the local school system in order to accurately compute a score in this area, the number of school districts reporting information will be captured in addition to the computed answer.

		Basis
School District(s) Capacity	30,602	22 of 22 districts
Students Enrolled	26,586	22 of 22 districts
Average Pupil/Teacher Ratio	13.0:1	22 of 22 districts
High School Students Enrolled	9,031	10 of 10 districts
Average High School Graduation Rate (US Avg 67.3%)	90.6%	10 of 10 districts
Average Composite SAT I Score (US Avg 1026)	990	10 of 10 districts
Average ACT Score (US Avg 20.8)	17	10 of 10 districts
Available Graduate/PhD Programs	5	
Available Colleges and/or Universities	7	
Available Vocational and/or Technical Schools	1	

Employment

Unemployment and job growth rates provide a relative merit of job availability in the local community. National rates from the Bureau of Labor Statistics are also provided.

The unemployment rates for the last five-years:

	1999	2000	2001	2002	2003
Local Data	2.7%	2.8%	3.5%	4.7%	4.3%
National	4.2%	4.0%	4.7%	5.8%	6.0%
Basis:	MSA	MSA	MSA	MSA	MSA

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The annual job growth rate for the last five-years:

	1999	2000	2001	2002	2003
Local Data	1.9%	3.4%	1.0%	-1.5%	-.3%
National	1.5%	2.4%	.03%	-.31%	.86%
Basis:	MSA	MSA	MSA	MSA	MSA

Housing

This attribute provides an indication of availability of housing, both sales and rental, in the local community. Note: according to the 2000 Census, Vacant Sale and Vacant Rental Units do not equal Total Vacant Housing Units; Total Vacant Housing Units may also include units that are vacant but not on the market for sale or rent.

Total Vacant Housing Units	103,171	Basis: MSA
Vacant Sale Units	12,534	
Vacant Rental Units	30,526	

Medical Providers

This attribute provides an indicator of availability of medical care for military and DoD civilians in the local community. The table reflects the raw number of physicians/beds and ratio of physicians/beds to population.

	# Physicians	# Beds	Population	
Local Community	12,720	21,875	6,057,826	Basis: MSA
Ratio	1:476	1:277		
National Ratio (2003)	1:421.2	1:373.7		

Safety/Crime

The local community's Uniform Crime Reports (UCR) Index for 2002 per 100,000 people and the national UCR based on information from the Federal Bureau of Investigation (FBI) for 2002:

Local UCR	2,919.5	Basis: MSA
National UCR	4,118.8	

Transportation

Distance to an airport shows convenience and availability of airline transportation. Public transportation shows potential for members and DoD civilians to use it to commute to/from work under normal circumstances and for leisure.

Distance from NAVSHIPYD_PORTSMOUTH_NH to nearest commercial airport: 4.5 miles

Is NAVSHIPYD_PORTSMOUTH_NH served by regularly scheduled public transportation? No

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Utilities

This attribute identifies a local community's water and sewer systems' ability to receive 1,000 additional people.

Does the local community's water system have the ability to meet an expanded need of an additional 1,000 people moving in the local community? Yes

Does the local community's sewer system have the ability to meet an expanded need of an additional 1,000 people moving in the local community? Yes

INSTALLATION ENVIRONMENTAL PROFILE
NAVAL STATION BREMERTON, WA

1. Air Quality (DoD Question #210-225):

- a. The Clean Air Act (CAA) establishes health-based standards for air quality and all areas of the country are monitored to determine if they meet the standards. A major limiting factor is whether the installation is in an area designated nonattainment or maintenance (air quality is not meeting the standard) and is therefore subject to more stringent requirements, including the CAA General Conformity Rule. Conformity requires that any new emissions from military sources brought into the area must be offset by credits or accounted for in the State Implementation Plan (SIP) emissions budget. The criteria pollutants of concern include: CO, O₃ (1 hour & 8 Hour), and PM (PM₁₀, and PM_{2.5}). Installations in attainment areas are not restricted, while activities for installations in non-attainment areas may be restricted. Non-attainment areas are classified as to the degree of non-attainment: Marginal, Moderate, Serious, and in the case of O₃, Severe and Extreme. SIP Growth Allowances and Emission Reduction Credits are tools that can be used to accommodate increased emissions in a manner that conforms to a state's SIP. All areas of the country require operating permits if emissions from stationary sources exceed certain threshold amounts. Major sources already exceed the amount and are subject to permit requirements. Synthetic minor means the base has accepted legal limits to its emissions to stay under the major source threshold. Natural or true minor means the actual and potential emissions are below the threshold.
- b. [NAVAL STATION BREMERTON, WA is in Attainment for all Criteria Pollutants. It did not report holding an CAA Operating Permit. Emission credit programs may be available. Permit Exceedances reported.](#)
- c. [PUGET SOUND NAVAL SHIPYARD AND IMF, BREMERTON, WA is in Attainment for all Criteria Pollutants. It holds its own CAA Major Operating Permit. Emission credit programs may be available. Permit Exceedances reported.](#)

2. Cultural/Archeological/Tribal Resources (DoD Question #229-237):

- a. Many installations have historical, archeological, cultural and Tribal sites of interest. These sites and access to them often must be maintained, or consultation is typically required before changes can be made. The sites and any buffers surrounding them may reduce the quantity or quality of land or airspace available for training and maneuvers or even construction of new facilities. The presence of such sites needs to be recognized, but the fact that restrictions actually occur is the overriding factor the data call is trying to identify. A programmatic agreement with the State Historic Preservation Office (SHPO) facilitates management of these sites.
- b. [Historic property has been identified on NAVAL STATION BREMERTON, WA. There is a programmatic agreement for historic property in place with the SHPO. It has sites with high archeological potential identified, which do not restrict construction and do not restrict operations.](#)

- c. [Historic property has been identified on PUGET SOUND NAVAL SHIPYARD AND IMF, BREMERTON, WA.](#) There is a programmatic agreement for historic property in place with the SHPO. It has sites with high archeological potential identified, [which do not restrict construction and do not restrict operations.](#)

3. Dredging (DoD Question # 226-228):

- a. Dredging allows for free navigation of vessels through ports, channels, and rivers. Identification of sites with remaining capacity for the proper disposal of dredge spoil is the primary focus of the profile. However, the presence of unexploded ordnance or any other impediment that restricts the ability to dredge is also a consideration.
- b. [NAVAL STATION BREMERTON, WA has no](#) impediments to dredging.
- c. [PUGET SOUND NAVAL SHIPYARD AND IMF, BREMERTON, WA has no](#) impediments to dredging.

4. Land Use Constraints/Sensitive Resource Areas (DoD Question #198-201, 238, 240-247, 254-256, 273):

- a. Land use can be encroached from both internal and external pressures. This resource area combines several different types of possible constraints. It captures the variety of constraints not otherwise covered by other areas that could restrict operations or development. The areas include electromagnetic radiation or emissions, environmental restoration sites (on and off installation), military munitions response areas, explosive safety quantity distance arcs, treaties, underground storage tanks, sensitive resource areas, as well as policies, rules, regulations, and activities of other federal, state, tribal and local agencies. This area also captures other constraining factors from animals and wildlife that are not endangered but cause operational restrictions. This resource area specifically includes information on known environmental restoration costs through FY03 and the projected cost-to-complete the restoration.
- b. [NAVAL STATION BREMERTON, WA](#) reports that 63 unconstrained acres are available for development out of 636 total acres. [NAVAL STATION BREMERTON, WA](#) has spent \$93.6M thru FY03 for environmental restoration, and has estimated the remaining Cost to Complete at \$54M. [It has Military Munitions Response Areas.](#) [NAVAL STATION BREMERTON, WA has](#) Explosive Safety Quantity Distance Arcs, [all of which require safety waivers, and none with the potential for expansion.](#) Arcs on piers are highly restricted and limited to low risk items. It is not possible to extend these arcs 100 feet minimum.
- c. [PUGET SOUND NAVAL SHIPYARD AND IMF, BREMERTON, WA](#) has spent \$23.8M thru FY03 for environmental restoration, and has estimated the remaining Cost to Complete at \$9M. [PUGET SOUND NAVAL SHIPYARD AND IMF, BREMERTON, WA has](#) Explosive Safety Quantity Distance Arcs, [all of which require safety waivers, and none with the potential for expansion.](#) [Arcs on piers is very restricted and limited to low-risk items. It is not possible to extend these arcs by 100 feet or more. \[Data correction sent asking for activity clarification on this issue\]](#)

5. Marine Mammal/Marine Resources/Marine Sanctuaries (DoD Question #248-250, 252-253):

- a. This area captures the extent of any restrictions on near shore or open water testing, training or operations as a result of laws protecting Marine Mammals, Essential Fish Habitat, and other related marine resources.
- b. **NAVAL STATION BREMERTON, WA** is not impacted by laws and regulations pertaining to Marine Mammal Protection Act, Essential Fish Habitats & Fisheries and Marine Sanctuaries, which may adversely restrict navigation and operations. [Data resolution may be sought]
- c. **PUGET SOUND NAVAL SHIPYARD AND IMF, BREMERTON, WA** is not impacted by laws and regulations pertaining to Marine Mammal Protection Act, Essential Fish Habitats & Fisheries and Marine Sanctuaries, which may adversely restrict navigation and operations. [Data resolution may be sought]

6. Noise (DoD Question # 202-209, 239):

- a. Military operations, particularly aircraft operations and weapons firing, may generate noise that can impact property outside of the installation. Installations with significant noise will typically generate maps that predict noise levels. These maps are then used to identify whether the noise levels are compatible with land uses in these noise-impacted areas. Installations will often publish noise abatement procedures to mitigate these noise impacts.
- b. **NAVAL STATION BREMERTON, WA** does not have noise contours that extend off the installation's property. It has published noise abatement procedures for the main installation.

7. Threatened and Endangered Species/Critical Habitat (DoD Question #259-264)

- a. The presence of threatened and endangered species (TES) can result in restrictions on training, testing and operations. They serve to reduce buildable acres and maneuver space. The data in this section reflects listed TES as well as candidate species, designated critical habitat as well as proposed habitat, and restrictions from Biological Opinions. The legally binding conditions in Biological Opinions are designed to protect TES, and critical habitat. The data call seeks to identify the presence of the resource, TES, candidate or critical habitat, even if they don't result in restrictions, as well places where restrictions do exist.
- b. **NAVAL STATION BREMERTON, WA** reported that federally-listed TES are not present, candidate species are not present, critical habitat is not present, and that **NAVAL STATION BREMERTON, WA** does not have a Biological Opinion. [Data resolution may be sought]

8. Waste Management (DoD Question # 265-272):

- a. This resource area identifies whether the installation has existing waste treatment and/or disposal capabilities, whether there is additional capacity, and in some case whether the waste facility can accept off-site waste. This area includes Resource Conservation and Recovery Act (RCRA) Treatment, Storage and Disposal facilities, solid waste disposal facilities, RCRA Subpart X (open/burning/open detonation) and operations.
- b. **NAVAL STATION BREMERTON, WA** has a permitted RCRA Treatment Storage and Disposal Facility (TSDF). **NAVAL STATION BREMERTON, WA does not have** an interim or final RCRA Part X facility. **NAVAL STATION BREMERTON, WA does not have an on-base solid waste disposal facility.**

9. Water Resources (DoD Question # 258, 274-299):

- a. This resource area asks about the condition of ground and surface water, and the legal status of water rights. Water is essential for installation operations and plays a vital role in the proper functioning of the surrounding ecosystems. Contamination of ground or surface waters can result in restrictions on training and operations and require funding to study and remediate. Federal clean water laws require states to identify impaired waters and to restrict the discharge of certain pollutants into those waters. Federal safe drinking water laws can require alternative sources of water and restrict activities above groundwater supplies particularly sole source aquifers. Water resources are also affected by the McCarran Amendment (1952), where Congress returned substantial power to the states with respect to the management of water. The amendment requires that the Federal government waive its sovereign immunity in cases involving the general adjudication of water rights. On the other hand existence of Federal Reserve Water Rights can provide more ability to the government to use water on federal lands.
- b. **NAVAL STATION BREMERTON, WA discharges** to an impaired waterway. Groundwater contamination **is** reported. Surface water contamination **is** reported. The state requires **does not require** permits for the withdrawal of groundwater. **Exceedances of drinking water standards are reported, during at least one of the last three reporting periods. [Seeking data correction for permit requirements to withdraw groundwater. Navy bases in Puget Sound rely on special Federal water rights and therefore do not require a permit to withdraw ground water. One tenant located in Manchester (off site tenant) has a redundant permit from the early 1940s. Regardless, this permit does not impact the main NAVSTA Bremerton complex.]**

10. Wetlands (DoD Question # 251, 257):

- a. The existence of jurisdictional wetlands poses restraints on the use of land for training, testing or operations. In the data call the installations were asked to report the presence of jurisdictional wetlands and compare the percent of restricted acres to the total acres. The presence of jurisdictional wetlands may reduce the ability of an installation to assume new or different missions, even if they do not presently pose restrictions, by limiting the availability of land.
- b. **NAVAL STATION BREMERTON, WA** has **16%** wetland restricted acres on the military installation.

TENANT ACTIVITIES
FISC PUGET SOUND, WA
SUPSHIP PUGET SOUND, WA
PUGET SOUND NAVAL SHIPYARD AND IMF, BREMERTON, WA
NAVAL LEGAL SERVICE OFFICE NORTHWEST BREMERTON

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NAVSTA_BREMERTON_WA, WA

Demographics

The following tables provide a short description of the area near the installation/activity. NAVSTA_BREMERTON_WA is 33.3 miles from Tacoma, WA, the nearest city with a population of 100,000 or more. The nearest metropolitan statistical area (MSA) is

MSA	Population
Bremerton, WA PMSA	231,969

The following entities comprise the military housing area (MHA):

County/City	Population
Jefferson	25953
Kitsap	231969
Mason	49405
Total	307,327

Child Care

This attribute captures the number of nationally accredited child-care centers within the local community: 5

Cost of Living

Cost of Living provides a relative measure of cost of living in the local community. General Schedule (GS) Locality Pay provides a relative scale to compare local salaries with government salaries and Basic Allowance for Housing (BAH) is an indicator of the local rental market. In-state tuition is an indicator of the support provided by the state for active duty family members to participate in higher-level education opportunities.

Median Household Income	(US Avg \$41,994)	\$46,840	Basis: MSA
Median House Value	(US Avg \$119,600)	\$152,100	
GS Locality Pay	("Rest of US" 10.9%)	15.1%	
O-3 with Dependents BAH Rate		\$1,176	
In-state Tuition for Family Member		Yes	
In-state Tuition Continues if Member PCSs Out of State		No	

Education

This attribute defines the population in local school districts and identifies capacity. The pupil/teacher ratio, graduation rate, percentage of certified teachers and composite SAT

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I/ACT scores provide a relative quality indicator of education. This attribute also attempts to give communities credit for the potential intellectual capital they provide.

NOTE: “MFR” means a Memorandum For Record is on file at the installation/activity/agency to document problems in obtaining the required information. Reasons for not being able to obtain information may be that the school district refused to provide the information or the school district does not use or track the information.

If the installation/activity/agency has incomplete information from the local school system in order to accurately compute a score in this area, the number of school districts reporting information will be captured in addition to the computed answer.

		Basis
School District(s) Capacity	40,849	5 of 5 districts
Students Enrolled	38,308	5 of 5 districts
Average Pupil/Teacher Ratio	25.2:1	5 of 5 districts
High School Students Enrolled	10,179	5 of 6 districts
Average High School Graduation Rate (US Avg 67.3%)	83.4%	5 of 6 districts
Average Composite SAT I Score (US Avg 1026)	1057	5 of 6 districts
Average ACT Score (US Avg 20.8)	8	5 of 6 districts
Available Graduate/PhD Programs	2	
Available Colleges and/or Universities	4	
Available Vocational and/or Technical Schools	1	

Employment

Unemployment and job growth rates provide a relative merit of job availability in the local community. National rates from the Bureau of Labor Statistics are also provided.

The unemployment rates for the last five-years:

	1999	2000	2001	2002	2003
Local Data	5.0%	5.6%	6.0%	6.2%	6.4%
National	4.2%	4.0%	4.7%	5.8%	6.0%
Basis:	MSA	MSA	MSA	MSA	MSA

The annual job growth rate for the last five-years:

	1999	2000	2001	2002	2003

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Local Data	4.4%	-2.2%	-1.2%	7.4%	1.7%
National	1.5%	2.4%	.03%	-.31%	.86%
Basis:	MSA	MSA	MSA	MSA	MSA

Housing

This attribute provides an indication of availability of housing, both sales and rental, in the local community. Note: according to the 2000 Census, Vacant Sale and Vacant Rental Units do not equal Total Vacant Housing Units; Total Vacant Housing Units may also include units that are vacant but not on the market for sale or rent.

Total Vacant Housing Units	6,228	Basis: MSA
Vacant Sale Units	1,273	
Vacant Rental Units	2,063	

Medical Providers

This attribute provides an indicator of availability of medical care for military and DoD civilians in the local community. The table reflects the raw number of physicians/beds and ratio of physicians/beds to population.

	# Physicians	# Beds	Population	
Local Community	239	375	231,969	Basis: MSA
Ratio	1:971	1:619		
National Ratio (2003)	1:421.2	1:373.7		

Safety/Crime

The local community's Uniform Crime Reports (UCR) Index for 2002 per 100,000 people and the national UCR based on information from the Federal Bureau of Investigation (FBI) for 2002:

Local UCR	3,829.6	Basis: MSA
National UCR	4,118.8	

Transportation

Distance to an airport shows convenience and availability of airline transportation. Public transportation shows potential for members and DoD civilians to use it to commute to/from work under normal circumstances and for leisure.

Distance from NAVSTA_BREMERTON_WA to nearest commercial airport: 53.4 miles
Is NAVSTA_BREMERTON_WA served by regularly scheduled public transportation?
Yes

Utilities

This attribute identifies a local community's water and sewer systems' ability to receive 1,000 additional people.

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Does the local community's water system have the ability to meet an expanded need of an additional 1,000 people moving in the local community? Yes

Does the local community's sewer system have the ability to meet an expanded need of an additional 1,000 people moving in the local community? Yes

INSTALLATION ENVIRONMENTAL PROFILE
NAVAL STATION PEARL HARBOR, HI

1. Air Quality (DoD Question #210-225):

- a. The Clean Air Act (CAA) establishes health-based standards for air quality and all areas of the country are monitored to determine if they meet the standards. A major limiting factor is whether the installation is in an area designated nonattainment or maintenance (air quality is not meeting the standard) and is therefore subject to more stringent requirements, including the CAA General Conformity Rule. Conformity requires that any new emissions from military sources brought into the area must be offset by credits or accounted for in the State Implementation Plan (SIP) emissions budget. The criteria pollutants of concern include: CO, O₃ (1 hour & 8 Hour), and PM (PM₁₀, and PM_{2.5}). Installations in attainment areas are not restricted, while activities for installations in non-attainment areas may be restricted. Non-attainment areas are classified as to the degree of non-attainment: Marginal, Moderate, Serious, and in the case of O₃, Severe and Extreme. SIP Growth Allowances and Emission Reduction Credits are tools that can be used to accommodate increased emissions in a manner that conforms to a state's SIP. All areas of the country require operating permits if emissions from stationary sources exceed certain threshold amounts. Major sources already exceed the amount and are subject to permit requirements. Synthetic minor means the base has accepted legal limits to its emissions to stay under the major source threshold. Natural or true minor means the actual and potential emissions are below the threshold.
- b. [NAVAL STATION PEARL HARBOR, HI is in Attainment for all Criteria Pollutants. It holds 4 CAA Major Operating Permits. It holds a CAA Synthetic Minor Operating Permit It holds a CAA Minor Operating Permit.](#)

2. Cultural/Archeological/Tribal Resources (DoD Question #229-237):

- a. Many installations have historical, archeological, cultural and Tribal sites of interest. These sites and access to them often must be maintained, or consultation is typically required before changes can be made. The sites and any buffers surrounding them may reduce the quantity or quality of land or airspace available for training and maneuvers or even construction of new facilities. The presence of such sites needs to be recognized, but the fact that restrictions actually occur is the overriding factor the data call is trying to identify. A programmatic agreement with the State Historic Preservation Office (SHPO) facilitates management of these sites.
- b. [Historic property has been identified on NAVAL STATION PEARL HARBOR, HI. There is a programmatic agreement for historic property in place with the SHPO. It has sites with high archeological potential identified, which do not restrict construction and do not restrict operations.](#)

3. Dredging (DoD Question # 226-228):

- a. Dredging allows for free navigation of vessels through ports, channels, and rivers. Identification of sites with remaining capacity for the proper disposal of dredge spoil is the primary focus of the profile. However, the presence of unexploded ordnance or any other impediment that restricts the ability to dredge is also a consideration.
- b. [NAVAL STATION PEARL HARBOR, HI has no impediments to dredging. It has spoil disposal site\(s\) with 6600000 CY of capacity remaining.](#)

4. Land Use Constraints/Sensitive Resource Areas (DoD Question #198-201, 238, 240-247, 254-256, 273):

- a. Land use can be encroached from both internal and external pressures. This resource area combines several different types of possible constraints. It captures the variety of constraints not otherwise covered by other areas that could restrict operations or development. The areas include

electromagnetic radiation or emissions, environmental restoration sites (on and off installation), military munitions response areas, explosive safety quantity distance arcs, treaties, underground storage tanks, sensitive resource areas, as well as policies, rules, regulations, and activities of other federal, state, tribal and local agencies. This area also captures other constraining factors from animals and wildlife that are not endangered but cause operational restrictions. This resource area specifically includes information on known environmental restoration costs through FY03 and the projected cost-to-complete the restoration.

- b. [NAVAL STATION PEARL HARBOR, HI](#) reports that 0 unconstrained acres are available for development out of 12,111 total acres. [NAVAL STATION PEARL HARBOR, HI](#) has spent \$137.9M thru FY03 for environmental restoration, and has estimated the remaining the Cost to Complete at \$178.7M. [NAVAL STATION PEARL HARBOR, HI does not have](#) Explosive Safety Quantity Distance Arcs. [\[Data clarification will be sought on the existence of Arcs\]](#)

5. Marine Mammal/Marine Resources/Marine Sanctuaries (DoD Question #248-250, 252-253):

- a. This area captures the extent of any restrictions on near shore or open water testing, training or operations as a result of laws protecting Marine Mammals, Essential Fish Habitat, and other related marine resources.
- b. [NAVAL STATION PEARL HARBOR, HI](#) is not impacted by laws and regulations pertaining to Marine Mammal Protection Act, Essential Fish Habitats & Fisheries and Marine Sanctuaries, which may adversely restrict navigation and operations.

6. Noise (DoD Question # 202-209, 239):

- a. Military operations, particularly aircraft operations and weapons firing, may generate noise that can impact property outside of the installation. Installations with significant noise will typically generate maps that predict noise levels. These maps are then used to identify whether the noise levels are compatible with land uses in these noise-impacted areas. Installations will often publish noise abatement procedures to mitigate these noise impacts.
- b. [NAVAL STATION PEARL HARBOR, HI does not have](#) noise contours that extend off the installation's property. It [does not have](#) published noise abatement procedures for the main installation.

7. Threatened and Endangered Species/Critical Habitat (DoD Question #259-264)

- a. The presence of threatened and endangered species (TES) can result in restrictions on training, testing and operations. They serve to reduce buildable acres and maneuver space. The data in this section reflects listed TES as well as candidate species, designated critical habitat as well as proposed habitat, and restrictions from Biological Opinions. The legally binding conditions in Biological Opinions are designed to protect TES, and critical habitat. The data call seeks to identify the presence of the resource, TES, candidate or critical habitat, even if they don't result in restrictions, as well places where restrictions do exist.
- b. [NAVAL STATION PEARL HARBOR, HI](#) reported that federally-listed TES [are present](#), candidate species [are not present](#), critical habitat [is present that restrict operations](#), and that [NAVAL STATION PEARL HARBOR, HI does not have](#) a Biological Opinion.

8. Waste Management (DoD Question # 265-272):

- a. This resource area identifies whether the installation has existing waste treatment and/or disposal capabilities, whether there is additional capacity, and in some case whether the waste facility can accept off-site waste. This area includes Resource Conservation and Recovery Act (RCRA) Treatment, Storage and Disposal facilities, solid waste disposal facilities, RCRA Subpart X (open/burning/open detonation) and operations.

- b. [NAVAL STATION PEARL HARBOR, HI](#) has a permitted RCRA Treatment Storage and Disposal Facility (TSDF) that accepts off-site waste. [NAVAL STATION PEARL HARBOR, HI](#) does not have an interim or final RCRA Part X facility. [NAVAL STATION PEARL HARBOR, HI](#) does not have an on-base solid waste disposal facility.

9. Water Resources (DoD Question # 258, 274-299):

- a. This resource area asks about the condition of ground and surface water, and the legal status of water rights. Water is essential for installation operations and plays a vital role in the proper functioning of the surrounding ecosystems. Contamination of ground or surface waters can result in restrictions on training and operations and require funding to study and remediate. Federal clean water laws require states to identify impaired waters and to restrict the discharge of certain pollutants into those waters. Federal safe drinking water laws can require alternative sources of water and restrict activities above groundwater supplies particularly sole source aquifers. Water resources are also affected by the McCarran Amendment (1952), where Congress returned substantial power to the states with respect to the management of water. The amendment requires that the Federal government waive its sovereign immunity in cases involving the general adjudication of water rights. On the other hand existence of Federal Reserve Water Rights can provide more ability to the government to use water on federal lands.
- b. [NAVAL STATION PEARL HARBOR, HI](#) discharges to an impaired waterway. Groundwater contamination is reported. Surface water contamination is not reported. The state requires permits for the withdrawal of groundwater.

10. Wetlands (DoD Question # 251, 257):

- a. The existence of jurisdictional wetlands poses restraints on the use of land for training, testing or operations. In the data call the installations were asked to report the presence of jurisdictional wetlands and compare the percent of restricted acres to the total acres. The presence of jurisdictional wetlands may reduce the ability of an installation to assume new or different missions, even if they do not presently pose restrictions, by limiting the availability of land.
- b. [NAVAL STATION PEARL HARBOR, HI](#) has less than 1% wetland restricted acres on the military installation.

TENANT ACTIVITIES
NAVRESCEN HONOLULU, HI
NMCL PEARL HARBOR
TRIAL SERVICE OFFICE PACIFIC PEARL HARBOR HI
NDC PEARL HARBOR
PWC PEARL HARBOR, HI
NAVY REGION HAWAII, HI
NAVPACMETOCEN PEARL HARBOR HI
COMSUBFORPAC PEARL HARBOR HI
COMPACFLT PEARL HARBOR HI
HRSC PAC, HONOLULU, HI
NAVSHIPYD & IMF PEARL HARBOR, HI
COMNAVSURFGRU MIDPAC
JOINT INTELLIGENCE CENTER PACIFIC
AFLOATRAGRU MIDPAC

TENANT ACTIVITIES
PACNAVFACENGCOM PEARL HARBOR, HI
NAVAL LEGAL SERVICE OFFICE PACIFIC DETACHMENT PEARL HARBOR
NAVSUBTRACENPAC PEARL HARBOR, HI
FISC PEARL HARBOR, HI
NAVSUBSUPPCEN PEARL HARBOR HI
NAVSECGRUACT PEARL HARBOR HI

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NAVSTA_PEARL_HARBOR_HI, HI

Demographics

The following tables provide a short description of the area near the installation/activity. NAVSTA_PEARL_HARBOR_HI is within Honolulu, HI, the nearest city with a population of 100,000 or more. The nearest metropolitan statistical area (MSA) is

MSA	Population
Honolulu, HI MSA	876,156

The following entities comprise the military housing area (MHA):

County/City	Population
Honolulu	876156
Kauai	58463
Total	934,619

Child Care

This attribute captures the number of nationally accredited child-care centers within the local community: 44

Cost of Living

Cost of Living provides a relative measure of cost of living in the local community. General Schedule (GS) Locality Pay provides a relative scale to compare local salaries with government salaries and Basic Allowance for Housing (BAH) is an indicator of the local rental market. In-state tuition is an indicator of the support provided by the state for active duty family members to participate in higher-level education opportunities.

Median Household Income (US Avg \$41,994)	\$51,914	Basis: MSA
Median House Value (US Avg \$119,600)	\$309,000	
GS Locality Pay ("Rest of US" 10.9%)	25.0%	
O-3 with Dependents BAH Rate	\$2,089	
In-state Tuition for Family Member	Yes	
In-state Tuition Continues if Member PCSs Out of State	No	

Education

This attribute defines the population in local school districts and identifies capacity. The pupil/teacher ratio, graduation rate, percentage of certified teachers and composite SAT

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I/ACT scores provide a relative quality indicator of education. This attribute also attempts to give communities credit for the potential intellectual capital they provide.

NOTE: “MFR” means a Memorandum For Record is on file at the installation/activity/agency to document problems in obtaining the required information. Reasons for not being able to obtain information may be that the school district refused to provide the information or the school district does not use or track the information.

If the installation/activity/agency has incomplete information from the local school system in order to accurately compute a score in this area, the number of school districts reporting information will be captured in addition to the computed answer.

		Basis
School District(s) Capacity	135,540	1 of 1 district
Students Enrolled	122,635	1 of 1 district
Average Pupil/Teacher Ratio	17.7:1	1 of 1 district
High School Students Enrolled	10,596	1 of 1 district
Average High School Graduation Rate (US Avg 67.3%)	79.8%	1 of 1 district
Average Composite SAT I Score (US Avg 1026)	1002	1 of 1 district
Average ACT Score (US Avg 20.8)	22	1 of 1 district
Available Graduate/PhD Programs	7	
Available Colleges and/or Universities	16	
Available Vocational and/or Technical Schools	10	

Employment

Unemployment and job growth rates provide a relative merit of job availability in the local community. National rates from the Bureau of Labor Statistics are also provided.

The unemployment rates for the last five-years:

	1999	2000	2001	2002	2003
Local Data	4.9%	3.7%	4.0%	3.9%	3.9%
National	4.2%	4.0%	4.7%	5.8%	6.0%
Basis:	MSA	MSA	MSA	MSA	MSA

The annual job growth rate for the last five-years:

	1999	2000	2001	2002	2003

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Local Data	- .4%	1.3%	-2.9%	2.6%	1.7%
National	1.5%	2.4%	.03%	-.31%	.86%
Basis:	MSA	MSA	MSA	MSA	MSA

Housing

This attribute provides an indication of availability of housing, both sales and rental, in the local community. Note: according to the 2000 Census, Vacant Sale and Vacant Rental Units do not equal Total Vacant Housing Units; Total Vacant Housing Units may also include units that are vacant but not on the market for sale or rent.

Total Vacant Housing Units	29,538	Basis: MSA
Vacant Sale Units	3,007	
Vacant Rental Units	12,286	

Medical Providers

This attribute provides an indicator of availability of medical care for military and DoD civilians in the local community. The table reflects the raw number of physicians/beds and ratio of physicians/beds to population.

	# Physicians	# Beds	Population	
Local Community	1,804	2,571	876,156	Basis: MSA
Ratio	1:486	1:341		
National Ratio (2003)	1:421.2	1:373.7		

Safety/Crime

The local community's Uniform Crime Reports (UCR) Index for 2002 per 100,000 people and the national UCR based on information from the Federal Bureau of Investigation (FBI) for 2002:

Local UCR	6,360.4	Basis: MSA
National UCR	4,118.8	

Transportation

Distance to an airport shows convenience and availability of airline transportation. Public transportation shows potential for members and DoD civilians to use it to commute to/from work under normal circumstances and for leisure.

Distance from NAVSTA_PEARL_HARBOR_HI to nearest commercial airport: 2.3 miles

Is NAVSTA_PEARL_HARBOR_HI served by regularly scheduled public transportation? Yes

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Utilities

This attribute identifies a local community's water and sewer systems' ability to receive 1,000 additional people.

Does the local community's water system have the ability to meet an expanded need of an additional 1,000 people moving in the local community? Yes

Does the local community's sewer system have the ability to meet an expanded need of an additional 1,000 people moving in the local community? Yes

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NAVSHIPYD_NORFOLK_VA, VA

Demographics

The following tables provide a short description of the area near the installation/activity. NAVSHIPYD_NORFOLK_VA is within Norfolk, VA, the nearest city with a population of 100,000 or more. The nearest metropolitan statistical area (MSA) is

MSA	Population
Norfolk-Virginia Beach-Newport News, VA-NC MSA	1,569,541

The following entities comprise the military housing area (MHA):

County/City	Population
Chesapeake City	199184
Currituck	18190
Fredericksburg City	19279
Isle Of Wight	29728
Norfolk City	234403
Portsmouth City	100565
Suffolk City	63677
Virginia Beach City	425257
Total	1,090,283

Child Care

This attribute captures the number of nationally accredited child-care centers within the local community: 14

Cost of Living

Cost of Living provides a relative measure of cost of living in the local community. General Schedule (GS) Locality Pay provides a relative scale to compare local salaries with government salaries and Basic Allowance for Housing (BAH) is an indicator of the local rental market. In-state tuition is an indicator of the support provided by the state for active duty family members to participate in higher-level education opportunities.

Median Household Income	(US Avg \$41,994)	\$42,448	Basis: MSA
Median House Value	(US Avg \$119,600)	\$110,100	
GS Locality Pay	("Rest of US" 10.9%)	10.9%	
O-3 with Dependents BAH Rate		\$1,130	
In-state Tuition for Family Member		No	

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In-state Tuition Continues if Member PCSs Out of State	No	
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Education

This attribute defines the population in local school districts and identifies capacity. The pupil/teacher ratio, graduation rate, percentage of certified teachers and composite SAT I/ACT scores provide a relative quality indicator of education. This attribute also attempts to give communities credit for the potential intellectual capital they provide.

NOTE: “MFR” means a Memorandum For Record is on file at the installation/activity/agency to document problems in obtaining the required information. Reasons for not being able to obtain information may be that the school district refused to provide the information or the school district does not use or track the information.

If the installation/activity/agency has incomplete information from the local school system in order to accurately compute a score in this area, the number of school districts reporting information will be captured in addition to the computed answer.

		Basis
School District(s) Capacity	261,458	7 of 7 districts
Students Enrolled	244,632	7 of 7 districts
Average Pupil/Teacher Ratio	12.7:1	7 of 7 districts
High School Students Enrolled	68,785	7 of 7 districts
Average High School Graduation Rate (US Avg 67.3%)	82.0%	7 of 7 districts
Average Composite SAT I Score (US Avg 1026)	962	7 of 7 districts
Average ACT Score (US Avg 20.8)	20	7 of 7 districts
Available Graduate/PhD Programs	12	
Available Colleges and/or Universities	17	
Available Vocational and/or Technical Schools	15	

Employment

Unemployment and job growth rates provide a relative merit of job availability in the local community. National rates from the Bureau of Labor Statistics are also provided.

The unemployment rates for the last five-years:

	1999	2000	2001	2002	2003
Local Data	3.4%	2.6%	3.5%	4.2%	4.4%
National	4.2%	4.0%	4.7%	5.8%	6.0%

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RELEASABLE UNDER FOIA**

This document may contain information protected from disclosure by public law, regulations or orders.

Basis:	MSA	MSA	MSA	MSA	MSA
--------	-----	-----	-----	-----	-----

The annual job growth rate for the last five-years:

	1999	2000	2001	2002	2003
Local Data	.1%	1.4%	.9%	1.8%	1.9%
National	1.5%	2.4%	.03%	-.31%	.86%
Basis:	MSA	MSA	MSA	MSA	MSA

Housing

This attribute provides an indication of availability of housing, both sales and rental, in the local community. Note: according to the 2000 Census, Vacant Sale and Vacant Rental Units do not equal Total Vacant Housing Units; Total Vacant Housing Units may also include units that are vacant but not on the market for sale or rent.

Total Vacant Housing Units	41,676	Basis: MSA
Vacant Sale Units	7,856	
Vacant Rental Units	13,560	

Medical Providers

This attribute provides an indicator of availability of medical care for military and DoD civilians in the local community. The table reflects the raw number of physicians/beds and ratio of physicians/beds to population.

	# Physicians	# Beds	Population	Basis: MSA
Local Community	2,936	3,599	1,569,541	
Ratio	1:535	1:436		
National Ratio (2003)	1:421.2	1:373.7		

Safety/Crime

The local community's Uniform Crime Reports (UCR) Index for 2002 per 100,000 people and the national UCR based on information from the Federal Bureau of Investigation (FBI) for 2002:

Local UCR	4,478.8	Basis: MSA
National UCR	4,118.8	

Transportation

Distance to an airport shows convenience and availability of airline transportation. Public transportation shows potential for members and DoD civilians to use it to commute to/from work under normal circumstances and for leisure.

This document may contain information protected from disclosure by public law, regulations or orders.

Distance from NAVSHIPYD_NORFOLK_VA to nearest commercial airport: 9.2 miles

Is NAVSHIPYD_NORFOLK_VA served by regularly scheduled public transportation?

Yes

Utilities

This attribute identifies a local community's water and sewer systems' ability to receive 1,000 additional people.

Does the local community's water system have the ability to meet an expanded need of an additional 1,000 people moving in the local community? Yes

Does the local community's sewer system have the ability to meet an expanded need of an additional 1,000 people moving in the local community? Yes

INSTALLATION ENVIRONMENTAL PROFILE
NAVAL SHIPYARD NORFOLK, VA

1. Air Quality (DoD Question #210-225):

- a. The Clean Air Act (CAA) establishes health-based standards for air quality and all areas of the country are monitored to determine if they meet the standards. A major limiting factor is whether the installation is in an area designated nonattainment or maintenance (air quality is not meeting the standard) and is therefore subject to more stringent requirements, including the CAA General Conformity Rule. Conformity requires that any new emissions from military sources brought into the area must be offset by credits or accounted for in the State Implementation Plan (SIP) emissions budget. The criteria pollutants of concern include: CO, O₃ (1 hour & 8 Hour), and PM (PM₁₀, and PM_{2.5}). Installations in attainment areas are not restricted, while activities for installations in non-attainment areas may be restricted. Non-attainment areas are classified as to the degree of non-attainment: Marginal, Moderate, Serious, and in the case of O₃, Severe and Extreme. SIP Growth Allowances and Emission Reduction Credits are tools that can be used to accommodate increased emissions in a manner that conforms to a state's SIP. All areas of the country require operating permits if emissions from stationary sources exceed certain threshold amounts. Major sources already exceed the amount and are subject to permit requirements. Synthetic minor means the base has accepted legal limits to its emissions to stay under the major source threshold. Natural or true minor means the actual and potential emissions are below the threshold.
- b. [NAVAL SHIPYARD NORFOLK, VA is in Maintenance for 1 Hour Ozone. NAVAL SHIPYARD NORFOLK, VA is in an area projected or proposed to be designated Marginal Nonattainment for the 8-hour Ozone or the PM_{2.5} NAAQS. It is in Attainment for all other Criteria Pollutants. It holds a CAA Major Operating Permit. No emission credit program available. No SIP growth allowance has been allocated for this installation.](#)

2. Cultural/Archeological/Tribal Resources (DoD Question #229-237):

- a. Many installations have historical, archeological, cultural and Tribal sites of interest. These sites and access to them often must be maintained, or consultation is typically required before changes can be made. The sites and any buffers surrounding them may reduce the quantity or quality of land or airspace available for training and maneuvers or even construction of new facilities. The presence of such sites needs to be recognized, but the fact that restrictions actually occur is the overriding factor the data call is trying to identify. A programmatic agreement with the State Historic Preservation Office (SHPO) facilitates management of these sites.
- b. [Historic property has been identified on NAVAL SHIPYARD NORFOLK, VA. There is no programmatic agreement for historic property in place with the SHPO. It has sites with high archeological potential identified, which do not restrict current construction and do not restrict current operations.](#)

3. Dredging (DoD Question # 226-228):

- a. Dredging allows for free navigation of vessels through ports, channels, and rivers. Identification of sites with remaining capacity for the proper disposal of dredge spoil is the primary focus of the profile. However, the presence of unexploded ordnance or any other impediment that restricts the ability to dredge is also a consideration.
- b. [NAVAL SHIPYARD NORFOLK, VA has no impediments to dredging. It has spoil disposal site\(s\) with 30000000 CY of capacity remaining.](#)

4. Land Use Constraints/Sensitive Resource Areas (DoD Question #198-201, 238, 240-247, 254-256, 273):

- a. Land use can be encroached from both internal and external pressures. This resource area combines several different types of possible constraints. It captures the variety of constraints not otherwise covered by other areas that could restrict operations or development. The areas include electromagnetic radiation or emissions, environmental restoration sites (on and off installation), military munitions response areas, explosive safety quantity distance arcs, treaties, underground storage tanks, sensitive resource areas, as well as policies, rules, regulations, and activities of other federal, state, tribal and local agencies. This area also captures other constraining factors from animals and wildlife that are not endangered but cause operational restrictions. This resource area specifically includes information on known environmental restoration costs through FY03 and the projected cost-to-complete the restoration.
- b. [NAVAL SHIPYARD NORFOLK, VA](#) reports that 0 unconstrained acres are available for development out of 533 total acres. [NAVAL SHIPYARD NORFOLK, VA](#) has spent \$1.4M thru FY03 for environmental restoration, and has estimated the remaining Cost to Complete at \$5.7M. [NAVAL SHIPYARD NORFOLK, VA](#) has Explosive Safety Quantity Distance Arcs, some of which require safety waivers, and none with the potential for expansion.

5. Marine Mammal/Marine Resources/Marine Sanctuaries (DoD Question #248-250, 252-253):

- a. This area captures the extent of any restrictions on near shore or open water testing, training or operations as a result of laws protecting Marine Mammals, Essential Fish Habitat, and other related marine resources.
- b. [NAVAL SHIPYARD NORFOLK, VA](#) is not impacted by laws and regulations pertaining to Marine Mammal Protection Act, Essential Fish Habitats & Fisheries and Marine Sanctuaries, which may adversely restrict navigation and operations.

6. Noise (DoD Question # 202-209, 239):

- a. Military operations, particularly aircraft operations and weapons firing, may generate noise that can impact property outside of the installation. Installations with significant noise will typically generate maps that predict noise levels. These maps are then used to identify whether the noise levels are compatible with land uses in these noise-impacted areas. Installations will often publish noise abatement procedures to mitigate these noise impacts.
- b. [NAVAL SHIPYARD NORFOLK, VA](#) does not have noise contours that extend off the installation's property. It does not have published noise abatement procedures for the main installation.

7. Threatened and Endangered Species/Critical Habitat (DoD Question #259-264)

- a. The presence of threatened and endangered species (TES) can result in restrictions on training, testing and operations. They serve to reduce buildable acres and maneuver space. The data in this section reflects listed TES as well as candidate species, designated critical habitat as well as proposed habitat, and restrictions from Biological Opinions. The legally binding conditions in Biological Opinions are designed to protect TES, and critical habitat. The data call seeks to identify the presence of the resource, TES, candidate or critical habitat, even if they don't result in restrictions, as well places where restrictions do exist.
- b. [NAVAL SHIPYARD NORFOLK, VA](#) reported that federally-listed TES are not present, candidate species are not present, critical habitat is not present, and that [NAVAL SHIPYARD NORFOLK, VA](#) does not have a Biological Opinion

8. Waste Management (DoD Question # 265-272):

- a. This resource area identifies whether the installation has existing waste treatment and/or disposal capabilities, whether there is additional capacity, and in some case whether the waste facility can

accept off-site waste. This area includes Resource Conservation and Recovery Act (RCRA) Treatment, Storage and Disposal facilities, solid waste disposal facilities, RCRA Subpart X (open/burning/open detonation) and operations.

- b. [NAVAL SHIPYARD NORFOLK, VA](#) has a permitted RCRA Treatment Storage and Disposal Facility (TSDF). [NAVAL SHIPYARD NORFOLK, VA](#) does not have an interim or final RCRA Part X facility. [NAVAL SHIPYARD NORFOLK, VA](#) does not have an on-base solid waste disposal facility.

9. Water Resources (DoD Question # 258, 274-299):

- a. This resource area asks about the condition of ground and surface water, and the legal status of water rights. Water is essential for installation operations and plays a vital role in the proper functioning of the surrounding ecosystems. Contamination of ground or surface waters can result in restrictions on training and operations and require funding to study and remediate. Federal clean water laws require states to identify impaired waters and to restrict the discharge of certain pollutants into those waters. Federal safe drinking water laws can require alternative sources of water and restrict activities above groundwater supplies particularly sole source aquifers. Water resources are also affected by the McCarran Amendment (1952), where Congress returned substantial power to the states with respect to the management of water. The amendment requires that the Federal government waive its sovereign immunity in cases involving the general adjudication of water rights. On the other hand existence of Federal Reserve Water Rights can provide more ability to the government to use water on federal lands.
- b. [NAVAL SHIPYARD NORFOLK, VA](#) discharges to an impaired waterway. Groundwater contamination is reported. Surface water contamination is reported. The state requires permits for the withdrawal of groundwater.

10. Wetlands (DoD Question # 251, 257):

- a. The existence of jurisdictional wetlands poses restraints on the use of land for training, testing or operations. In the data call the installations were asked to report the presence of jurisdictional wetlands and compare the percent of restricted acres to the total acres. The presence of jurisdictional wetlands may reduce the ability of an installation to assume new or different missions, even if they do not presently pose restrictions, by limiting the availability of land.
- b. [NAVAL SHIPYARD NORFOLK, VA](#) has no wetland restricted acres on the military installation.

TENANT ACTIVITIES
SUPSHIP PORTSMOUTH, VA
NAVAL SHIPYARD NORFOLK, VA
NAVAL COASTAL WARFARE GROUP TWO
HRSC EAST, PORTSMOUTH VA

INSTALLATION ENVIRONMENTAL PROFILE
NAVAL SHIPYARD PORTSMOUTH, NH

1. Air Quality (DoD Question #210-225):

- a. The Clean Air Act (CAA) establishes health-based standards for air quality and all areas of the country are monitored to determine if they meet the standards. A major limiting factor is whether the installation is in an area designated nonattainment or maintenance (air quality is not meeting the standard) and is therefore subject to more stringent requirements, including the CAA General Conformity Rule. Conformity requires that any new emissions from military sources brought into the area must be offset by credits or accounted for in the State Implementation Plan (SIP) emissions budget. The criteria pollutants of concern include: CO, O₃ (1 hour & 8 Hour), and PM (PM₁₀, and PM_{2.5}). Installations in attainment areas are not restricted, while activities for installations in non-attainment areas may be restricted. Non-attainment areas are classified as to the degree of non-attainment: Marginal, Moderate, Serious, and in the case of O₃, Severe and Extreme. SIP Growth Allowances and Emission Reduction Credits are tools that can be used to accommodate increased emissions in a manner that conforms to a state's SIP. All areas of the country require operating permits if emissions from stationary sources exceed certain threshold amounts. Major sources already exceed the amount and are subject to permit requirements. Synthetic minor means the base has accepted legal limits to its emissions to stay under the major source threshold. Natural or true minor means the actual and potential emissions are below the threshold.
- b. [NAVAL SHIPYARD PORTSMOUTH, NH is in Moderate Nonattainment for Ozone \(1 hr\). NAVAL SHIPYARD PORTSMOUTH, NH is proposed to be in Moderate Nonattainment for Ozone \(8 hour\). It holds a CAA Major Operating Permit. No emission credit program available. No SIP growth allowance has been allocated for this installation. NAVAL SHIPYARD PORTSMOUTH, NH is in an area projected or proposed to be designated nonattainment for the 8-hour Ozone or the PM_{2.5} NAAQS.](#)

2. Cultural/Archeological/Tribal Resources (DoD Question #229-237):

- a. Many installations have historical, archeological, cultural and Tribal sites of interest. These sites and access to them often must be maintained, or consultation is typically required before changes can be made. The sites and any buffers surrounding them may reduce the quantity or quality of land or airspace available for training and maneuvers or even construction of new facilities. The presence of such sites needs to be recognized, but the fact that restrictions actually occur is the overriding factor the data call is trying to identify. A programmatic agreement with the State Historic Preservation Office (SHPO) facilitates management of these sites.
- b. [Historic property has been identified on NAVAL SHIPYARD PORTSMOUTH, NH. There is no programmatic agreement for historic property in place with the SHPO. It has sites with high archeological potential identified, which do not restrict construction and do not restrict operations.](#)

3. Dredging (DoD Question # 226-228):

- a. Dredging allows for free navigation of vessels through ports, channels, and rivers. Identification of sites with remaining capacity for the proper disposal of dredge spoil is the

primary focus of the profile. However, the presence of unexploded ordnance or any other impediment that restricts the ability to dredge is also a consideration.

- b. [NAVAL SHIPYARD PORTSMOUTH, NH](#) has no impediments to dredging.

4. Land Use Constraints/Sensitive Resource Areas (DoD Question #198-201, 238, 240-247, 254-256, 273):

- a. Land use can be encroached from both internal and external pressures. This resource area combines several different types of possible constraints. It captures the variety of constraints not otherwise covered by other areas that could restrict operations or development. The areas include electromagnetic radiation or emissions, environmental restoration sites (on and off installation), military munitions response areas, explosive safety quantity distance arcs, treaties, underground storage tanks, sensitive resource areas, as well as policies, rules, regulations, and activities of other federal, state, tribal and local agencies. This area also captures other constraining factors from animals and wildlife that are not endangered but cause operational restrictions. This resource area specifically includes information on known environmental restoration costs through FY03 and the projected cost-to-complete the restoration.
- b. [NAVAL SHIPYARD PORTSMOUTH, NH](#) reports that 45 unconstrained acres are available for development out of 276 total acres. [NAVAL SHIPYARD PORTSMOUTH, NH](#) has spent \$46.9M thru FY03 for environmental restoration, and has estimated the remaining Cost to Complete at \$47M. [NAVAL SHIPYARD PORTSMOUTH, NH](#) has Explosive Safety Quantity Distance Arcs, none of which require safety waivers, and none with the potential for expansion.

5. Marine Mammal/Marine Resources/Marine Sanctuaries (DoD Question #248-250, 252-253):

- a. This area captures the extent of any restrictions on near shore or open water testing, training or operations as a result of laws protecting Marine Mammals, Essential Fish Habitat, and other related marine resources.
- b. [NAVAL SHIPYARD PORTSMOUTH, NH](#) is not impacted by laws and regulations pertaining to Marine Mammal Protection Act, Essential Fish Habitats & Fisheries and Marine Sanctuaries.

6. Noise (DoD Question # 202-209, 239):

- a. Military operations, particularly aircraft operations and weapons firing, may generate noise that can impact property outside of the installation. Installations with significant noise will typically generate maps that predict noise levels. These maps are then used to identify whether the noise levels are compatible with land uses in these noise-impacted areas. Installations will often publish noise abatement procedures to mitigate these noise impacts.

- b. **NAVAL SHIPYARD PORTSMOUTH, NH does not have** noise contours that extend off the installation's property. It **does not have** published noise abatement procedures for the main installation.

7. Threatened and Endangered Species/Critical Habitat (DoD Question #259-264)

- a. The presence of threatened and endangered species (TES) can result in restrictions on training, testing and operations. They serve to reduce buildable acres and maneuver space. The data in this section reflects listed TES as well as candidate species, designated critical habitat as well as proposed habitat, and restrictions from Biological Opinions. The legally binding conditions in Biological Opinions are designed to protect TES, and critical habitat. The data call seeks to identify the presence of the resource, TES, candidate or critical habitat, even if they don't result in restrictions, as well places where restrictions do exist.
- b. **NAVAL SHIPYARD PORTSMOUTH, NH** reported that federally-listed TES **are not present**, candidate species **are not present**, critical habitat **is not present**, and that **NAVAL SHIPYARD PORTSMOUTH, NH does not have** a Biological Opinion.

8. Waste Management (DoD Question # 265-272):

- a. This resource area identifies whether the installation has existing waste treatment and/or disposal capabilities, whether there is additional capacity, and in some case whether the waste facility can accept off-site waste. This area includes Resource Conservation and Recovery Act (RCRA) Treatment, Storage and Disposal facilities, solid waste disposal facilities, RCRA Subpart X (open/burning/open detonation) and operations.
- b. **NAVAL SHIPYARD PORTSMOUTH, NH has** a permitted RCRA Treatment Storage and Disposal Facility (TSDF) **that accepts off-site waste**. **NAVAL SHIPYARD PORTSMOUTH, NH does not have** an interim or final RCRA Part X facility. **NAVAL SHIPYARD PORTSMOUTH, NH does not have an on-base solid waste disposal facility**.

9. Water Resources (DoD Question # 258, 274-299):

- a. This resource area asks about the condition of ground and surface water, and the legal status of water rights. Water is essential for installation operations and plays a vital role in the proper functioning of the surrounding ecosystems. Contamination of ground or surface waters can result in restrictions on training and operations and require funding to study and remediate. Federal clean water laws require states to identify impaired waters

and to restrict the discharge of certain pollutants into those waters. Federal safe drinking water laws can require alternative sources of water and restrict activities above groundwater supplies particularly sole source aquifers. Water resources are also affected by the McCarran Amendment (1952), where Congress returned substantial power to the states with respect to the management of water. The amendment requires that the Federal government waive its sovereign immunity in cases involving the general adjudication of water rights. On the other hand existence of Federal Reserve Water Rights can provide more ability to the government to use water on federal lands.

- b. **NAVAL SHIPYARD PORTSMOUTH, NH does not discharge** to an impaired waterway. Groundwater contamination **is** reported. Surface water contamination **is not** reported.

10. Wetlands (DoD Question # 251, 257):

- a. The existence of jurisdictional wetlands poses restraints on the use of land for training, testing or operations. In the data call the installations were asked to report the presence of jurisdictional wetlands and compare the percent of restricted acres to the total acres. The presence of jurisdictional wetlands may reduce the ability of an installation to assume new or different missions, even if they do not presently pose restrictions, by limiting the availability of land.
- b. **NAVAL SHIPYARD PORTSMOUTH, NH has less than 1%** wetland restricted acres on the military installation.

Tenant Activities:

SUBMEPP PORTSMOUTH, NH

IJCSG - Ship Repair and Overhaul Capacity Report - Capacity by Site

<i>Function</i>	<i>Site</i>	<i>Total Current Capacity (dlh(k))</i>	<i>Total Current Usage (dlh(k))</i>	<i>Maximum Capacity (dlh(k))</i>	<i>Capacity Required to Surge (dlh(k))*</i>	<i>Capacity Available to Surge/Excess Capacity (dlh(k))*</i>
<i>Depot Maintenance</i>						
	NAVSHIPYD_AND_IMF_PEARL_HARBOR_HI	6,832.2	5,377.9	7,695.7	0.0	2,317.8
	NAVSHIPYD_NORFOLK_VA	12,715.7	10,717.7	13,333.7	0.0	2,616.0
	NAVSHIPYD_PORTSMOUTH_NH	8,465.2	5,007.0	9,397.8	0.0	4,390.8
	NAVSHIPYD_PUGET_SOUND_DET_BOSTON_MA	234.5	232.7	234.5	0.0	1.8
	NAVSHIPYD_PUGET_SOUND_WA	12,332.1	10,840.7	12,436.6	0.0	1,595.9
	NNSY_DET_NAVFOUNDRYPROPCEN_PHIL_PA	234.1	301.3	240.4	0.0	-60.9
	NNSY_DET_NAVPESO_ANNAPOLIS_MD	24.9	24.3	24.9	0.0	0.6
	NNSY_DET_NAVSHIPSO_PHIL_PA	99.3	96.7	99.3	0.0	2.5
	SUBMEPP_PORTSMOUTH_NH	257.5	271.1	316.3	0.0	45.2

* For ship maintenance, it is not economical to maintain unused capacity dedicated to surge.

Report Date: Friday, January 14, 2005

Deliberative Document - For Discussion Purposes Only
Do Not Release Under FOIA

Database Date: January 10, 2005

COBRA REALIGNMENT SUMMARY REPORT (COBRA v6.07) - Page 1/2
 Data As Of 2/17/2005 1:01:58 PM, Report Created 2/17/2005 1:06:37 PM

Department :
 Scenario File : Z:\Cobra\ShipRepair&Overhaul\SR-14\New_Runs_Feb_17_05\Run_1C\SR14(0056)_Run-1C_Exc_1_2-17-05.CBR
 Option Pkg Name: SR-14(0056)_Run-1C_Exc_1_2-17-05
 Std Fctrs File : C:\Work_Data\BRAC\COBRA\BRAC2005.SFF

Starting Year : 2006
 Final Year : 2008
 Payback Year : 2015 (7 Years)

NPV in 2025(\$K): -485,743
 1-Time Cost(\$K): 426,225

Net Costs in 2005 Constant Dollars (\$K)								
	2006	2007	2008	2009	2010	2011	Total	Beyond
	----	----	----	----	----	----	----	-----
Mil Con	10,824	12,246	0	0	0	0	23,069	0
Person	4,149	10,206	50,581	-66,359	-66,359	-66,359	-134,141	-66,359
Overhd	10,184	20,941	-3,139	-6,797	-6,797	-6,797	7,595	-6,797
Moving	7,172	28,011	47,840	0	0	0	83,023	0
Missio	0	0	0	0	0	0	0	0
Other	0	21,137	169,580	24,348	5,411	3,610	224,084	6
TOTAL	32,330	92,541	264,862	-48,809	-67,746	-69,547	203,631	-73,151
	2006	2007	2008	2009	2010	2011	Total	
	----	----	----	----	----	----	----	
POSITIONS ELIMINATED								
Off	0	0	57	0	0	0	57	
Enl	0	0	135	0	0	0	135	
Civ	0	0	2,957	0	0	0	2,957	
TOT	0	0	3,149	0	0	0	3,149	
POSITIONS REALIGNED								
Off	0	0	6	0	0	0	6	
Enl	0	0	3	0	0	0	3	
Stu	0	0	0	0	0	0	0	
Civ	179	694	202	0	0	0	1,075	
TOT	179	694	211	0	0	0	1,084	

COBRA REALIGNMENT SUMMARY REPORT (COBRA v6.07) - Page 2/2
 Data As Of 2/17/2005 1:01:58 PM, Report Created 2/17/2005 1:06:37 PM

Department :
 Scenario File : Z:\Cobra\ShipRepair&Overhaul\SR-14\New_Runs_Feb_17_05\Run_1C\SR14(0056)_Run-1C_Exc_1_2-17-05.CBR
 Option Pkg Name: SR-14(0056)_Run-1C_Exc_1_2-17-05
 Std Fctrs File : C:\Work_Data\BRAC\COBRA\BRAC2005.SFF

Costs in 2005 Constant Dollars (\$K)								
	2006	2007	2008	2009	2010	2011	Total	Beyond
	----	----	----	----	----	----	-----	-----
Mil Con	10,824	12,246	0	0	0	0	23,069	0
Person	4,803	13,267	169,568	165,462	165,462	165,462	684,025	165,462
Overhd	10,649	23,206	7,801	4,143	4,143	4,143	54,087	4,143
Moving	7,172	28,011	47,870	0	0	0	83,053	0
Misssio	0	0	0	0	0	0	0	0
Other	0	21,137	169,580	24,348	5,411	3,610	224,084	6
TOTAL	33,448	97,867	394,819	193,953	175,016	173,215	1,068,319	169,611

Savings in 2005 Constant Dollars (\$K)								
	2006	2007	2008	2009	2010	2011	Total	Beyond
	----	----	----	----	----	----	-----	-----
Mil Con	0	0	0	0	0	0	0	0
Person	654	3,061	118,987	231,821	231,821	231,821	818,166	231,821
Overhd	464	2,265	10,940	10,940	10,940	10,940	46,491	10,940
Moving	0	0	30	0	0	0	30	0
Misssio	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
TOTAL	1,118	5,326	129,957	242,762	242,762	242,762	864,687	242,762

COBRA PERSONNEL/SF/SUSTAINMENT/RECAP/BOS DELTAS REPORT (COBRA v6.07)
 Data As Of 2/17/2005 1:01:58 PM, Report Created 2/17/2005 1:06:37 PM

Department :
 Scenario File : Z:\Cobra\ShipRepair&Overhaul\SR-14\New_Runs_Feb_17_05\Run_1C\SR14(0056)_Run-1C_Exc_1_2-17-05.CBR
 Option Pkg Name: SR-14(0056)_Run-1C_Exc_1_2-17-05
 Std Fctrs File : C:\Work_Data\BRAC\COBRA\BRAC2005.SFF

Base	Start*	Personnel		
		Fi ni sh*	Change	%Change
NAVSHI PYD PORTSMOUTH	4,942	709	-4,233	-86%
NAVSTA PEARL HARBOR	40,078	40,435	357	1%
NAVSTA BREMERTON	12,533	13,892	1,359	11%
NSY NORFOLK	10,923	12,683	1,760	16%
TOTAL	68,476	67,719	-757	-1%

Base	Start	Square Footage			
		Fi ni sh	Change	%Change	Chg/Per
NAVSHI PYD PORTSMOUTH	4,399,000	266,000	-4,133,000	-94%	976
NAVSTA PEARL HARBOR	25,526,083	25,526,083	0	0%	0
NAVSTA BREMERTON	8,969,175	8,998,044	28,869	0%	21
NSY NORFOLK	7,568,916	7,628,316	59,400	1%	34
TOTAL	46,463,174	42,418,443	-4,044,731	-9%	5,343

Base	Start*	Base Operations Support (2005\$)			
		Fi ni sh*	Change	%Change	Chg/Per
NAVSHI PYD PORTSMOUTH	19,955,763	13,843,851	-6,111,913	-31%	1,444
NAVSTA PEARL HARBOR	241,815,294	243,578,638	1,763,344	1%	4,939
NAVSTA BREMERTON	7,483,905	7,958,902	474,997	6%	349
NSY NORFOLK	15,025,093	16,360,522	1,335,429	9%	759
TOTAL	284,280,055	281,741,913	-2,538,143	-1%	3,353

Base	Start	Sustai nment (2005\$)			
		Fi ni sh	Change	%Change	Chg/Per
NAVSHI PYD PORTSMOUTH	473,162	70,974	-402,188	-85%	95
NAVSTA PEARL HARBOR	161,792,722	161,792,722	0	0%	0
NAVSTA BREMERTON	40,398,954	40,447,499	48,545	0%	36
NSY NORFOLK	30,835,242	30,937,284	102,042	0%	58
TOTAL	233,500,080	233,248,479	-251,600	0%	332

Base	Start	Recapi tali zati on (2005\$)			
		Fi ni sh	Change	%Change	Chg/Per
NAVSHI PYD PORTSMOUTH	4,711,271	284,882	-4,426,389	-94%	1,046
NAVSTA PEARL HARBOR	74,660,194	74,660,194	0	0%	0
NAVSTA BREMERTON	25,751,692	25,777,578	25,885	0%	19
NSY NORFOLK	16,526,637	16,700,786	174,149	1%	99
TOTAL	121,649,795	117,423,441	-4,226,354	-3%	5,583

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Base	Start	Sustain + Recap + Finish	BOS (2005\$) Change	%Change	Chg/Per
NAVSHI PYD PORTSMOUTH	25,140,197	14,199,707	-10,940,489	-44%	2,584
NAVSTA PEARL HARBOR	478,268,210	480,031,554	1,763,344	0%	4,939
NAVSTA BREMERTON	73,634,551	74,183,979	549,427	1%	404
NSY NORFOLK	62,386,972	63,998,592	1,611,620	3%	916
TOTAL	639,429,930	632,413,833	-7,016,097	-1%	9,268

Base	Start	Plant Replacement Finish	Value (2005\$) Change	%Change	Chg/Per
NAVSHI PYD PORTSMOUTH	537,084,958	32,476,608	-504,608,350	-94%	119,208
NAVSTA PEARL HARBOR	8,511,262,139	8,511,262,139	0	0%	0
NAVSTA BREMERTON	2,935,692,925	2,938,643,882	2,950,957	0%	2,171
NSY NORFOLK	1,884,036,614	1,903,889,614	19,853,000	1%	11,280
TOTAL	13,868,076,636	13,386,272,243	-481,804,393	-3%	636,465

* "Start" and "Finish" values for Personnel and BOS both include the Programmed Installation Population (non-BRAC) Changes, so that only changes attributable to the BRAC action are reflected in the "Change" columns of this report.

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ONE-TIME COSTS -----(\$K)-----	2006	2007	2008	2009	2010	2011	Total
CONSTRUCTION							
MILCON	10,824	12,246	0	0	0	0	23,069
O&M							
CIV SALARY							
Civ RIF	666	2,543	71,268	0	0	0	74,477
Civ Retire	177	708	3,238	0	0	0	4,123
CIV MOVING							
Per Diem	652	2,475	975	0	0	0	4,102
POV Miles	17	82	25	0	0	0	124
Home Purch	3,672	14,156	5,495	0	0	0	23,323
HHG	790	3,373	1,182	0	0	0	5,344
Misc	135	520	202	0	0	0	857
House Hunt	426	1,678	637	0	0	0	2,741
PPP	0	0	21,262	0	0	0	21,262
RITA	1,372	5,295	2,053	0	0	0	8,721
FREIGHT							
Packing	8	32	13	0	0	0	54
Freight	73	295	385	0	0	0	753
Vehicles	0	0	3	0	0	0	3
Unemployment	49	187	5,239	0	0	0	5,475
OTHER							
Info Tech	27	104	42	0	0	0	173
Prog Manage	3,878	2,909	2,182	0	0	0	8,969
Supt Contract	0	0	0	0	0	0	0
Mothball	79	305	1,476	0	0	0	1,860
1-Time Move	0	0	15,546	0	0	0	15,546
MIL PERSONNEL							
MIL MOVING							
Per Diem	0	0	2	0	0	0	2
POV Miles	0	0	1	0	0	0	1
HHG	0	0	37	0	0	0	37
Misc	0	0	9	0	0	0	9
OTHER							
Elim PCS	0	0	1,137	0	0	0	1,137
OTHER							
HAP / RSE	0	0	0	0	0	0	0
Environmental	0	0	0	0	0	0	0
Mn Contract	0	0	0	0	0	0	0
1-Time Other	0	21,137	169,574	24,342	5,405	3,604	224,062
TOTAL ONE-TIME	22,845	68,046	301,983	24,342	5,405	3,604	426,225

TOTAL COBRA REALIGNMENT DETAIL REPORT (COBRA v6.07) - Page 2/15
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 Option Pkg Name: SR-14(0056)_Run-1C_Exc_1_2-17-05
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RECURRING COSTS -----(\$K)-----	2006	2007	2008	2009	2010	2011	Total	Beyond
O&M								
Sustainment	51	150	150	150	150	150	804	150
Recap	85	200	200	200	200	200	1,085	200
BOS	508	1,264	3,574	3,574	3,574	3,574	16,067	3,574
Civ Salary	3,911	9,829	88,611	165,386	165,386	165,386	598,508	165,386
TRICARE	0	0	6	6	6	6	22	6
MIL PERSONNEL								
Off Salary	0	0	0	0	0	0	0	0
Enl Salary	0	0	0	0	0	0	0	0
House Allow	0	0	76	76	76	76	305	76
OTHER								
Mission Activ	0	0	0	0	0	0	0	0
Misc Recur	6,047	18,378	219	219	219	219	25,301	219
TOTAL RECUR	10,603	29,822	92,836	169,611	169,611	169,611	642,094	169,611
TOTAL COST	33,448	97,867	394,819	193,953	175,016	173,215	1,068,319	169,611
ONE-TIME SAVES -----(\$K)-----	2006	2007	2008	2009	2010	2011	Total	
CONSTRUCTION								
MILCON	0	0	0	0	0	0	0	
O&M								
1-Time Move	0	0	0	0	0	0	0	
MIL PERSONNEL								
Mil Moving	0	0	30	0	0	0	30	
OTHER								
Environmental	0	0	0	0	0	0	0	
1-Time Other	0	0	0	0	0	0	0	
TOTAL ONE-TIME	0	0	30	0	0	0	30	
RECURRING SAVES -----(\$K)-----	2006	2007	2008	2009	2010	2011	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
Sustainment	19	92	402	402	402	402	1,719	402
Recap	187	913	4,426	4,426	4,426	4,426	18,806	4,426
BOS	258	1,260	6,112	6,112	6,112	6,112	25,967	6,112
Civ Salary	654	3,061	107,510	211,221	211,221	211,221	744,889	211,221
MIL PERSONNEL								
Off Salary	0	0	3,562	7,123	7,123	7,123	24,932	7,123
Enl Salary	0	0	5,562	11,124	11,124	11,124	38,933	11,124
House Allow	0	0	2,353	2,353	2,353	2,353	9,412	2,353
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission Activ	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
TOTAL RECUR	1,118	5,326	129,927	242,762	242,762	242,762	864,658	242,762
TOTAL SAVINGS	1,118	5,326	129,957	242,762	242,762	242,762	864,687	242,762

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 Option Pkg Name: SR-14(0056)_Run-1C_Exc_1_2-17-05
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ONE-TIME NET	2006	2007	2008	2009	2010	2011	Total	
-----(\$K)-----	----	----	----	----	----	----	-----	
CONSTRUCTION								
MILCON	10,824	12,246	0	0	0	0	23,069	
O&M								
Civ Retir/RIF	843	3,251	74,505	0	0	0	78,600	
Civ Moving	7,145	27,907	32,232	0	0	0	67,284	
Info Tech	27	104	42	0	0	0	173	
Other	4,006	3,401	24,443	0	0	0	31,849	
MIL PERSONNEL								
Mil Moving	0	0	1,156	0	0	0	1,156	
OTHER								
HAP / RSE	0	0	0	0	0	0	0	
Environmental	0	0	0	0	0	0	0	
Mn sn Contract	0	0	0	0	0	0	0	
1-Time Other	0	21,137	169,574	24,342	5,405	3,604	224,062	
TOTAL ONE-TIME	22,845	68,046	301,953	24,342	5,405	3,604	426,195	
RECURRING NET	2006	2007	2008	2009	2010	2011	Total	Beyond
-----(\$K)-----	----	----	----	----	----	----	-----	-----
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
Sustai nment	33	59	-252	-252	-252	-252	-915	-252
Recap	-102	-713	-4,226	-4,226	-4,226	-4,226	-17,720	-4,226
BOS	249	4	-2,538	-2,538	-2,538	-2,538	-9,899	-2,538
Civ Salary	3,257	6,768	-18,899	-45,836	-45,836	-45,836	-146,381	-45,836
TRICARE	0	0	6	6	6	6	22	6
MIL PERSONNEL								
Mil Salary	0	0	-9,124	-18,247	-18,247	-18,247	-63,865	-18,247
House Allow	0	0	-2,276	-2,276	-2,276	-2,276	-9,106	-2,276
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission Activ	0	0	0	0	0	0	0	0
Misc Recur	6,047	18,378	219	219	219	219	25,301	219
TOTAL RECUR	9,485	24,495	-37,091	-73,151	-73,151	-73,151	-222,564	-73,151
TOTAL NET COST	32,330	92,541	264,862	-48,809	-67,746	-69,547	203,631	-73,151

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 Option Pkg Name: SR-14(0056)_Run-1C_Exc_1_2-17-05
 Std Fctrs File : C:\Work_Data\BRAC\COBRA\BRAC2005.SFF

Base: NAVSHI PYD PORTSMOUTH, NH (N00102)	2006	2007	2008	2009	2010	2011	Total
ONE-TIME COSTS	-----	-----	-----	-----	-----	-----	-----
-----(\$K)-----							
CONSTRUCTION							
MILCON	0	0	0	0	0	0	0
O&M							
CIV SALARY							
Civ RIFs	666	2,543	71,268	0	0	0	74,477
Civ Retire	177	708	3,238	0	0	0	4,123
CIV MOVING							
Per Diem	652	2,475	975	0	0	0	4,102
POV Miles	17	82	25	0	0	0	124
Home Purch	3,672	14,156	5,495	0	0	0	23,323
HHG	790	3,373	1,182	0	0	0	5,344
Misc	135	520	202	0	0	0	857
House Hunt	426	1,678	637	0	0	0	2,741
PPP	0	0	21,262	0	0	0	21,262
RITA	1,372	5,295	2,053	0	0	0	8,721
FREIGHT							
Packing	8	32	13	0	0	0	54
Freight	73	295	385	0	0	0	753
Vehicles	0	0	3	0	0	0	3
Unemployment	49	187	5,239	0	0	0	5,475
OTHER							
Info Tech	27	104	42	0	0	0	173
Prog Manage	3,878	2,909	2,182	0	0	0	8,969
Supt Contract	0	0	0	0	0	0	0
Mothball	79	305	1,476	0	0	0	1,860
1-Time Move	0	0	15,546	0	0	0	15,546
MIL PERSONNEL							
MIL MOVING							
Per Diem	0	0	2	0	0	0	2
POV Miles	0	0	1	0	0	0	1
HHG	0	0	37	0	0	0	37
Misc	0	0	9	0	0	0	9
OTHER							
Elim PCS	0	0	1,137	0	0	0	1,137
OTHER							
HAP / RSE	0	0	0	0	0	0	0
Environmental	0	0	0	0	0	0	0
Mn sn Contract	0	0	0	0	0	0	0
1-Time Other	0	0	160,565	17,135	0	0	177,700
TOTAL ONE-TIME	12,021	34,663	292,974	17,135	0	0	356,793

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 Option Pkg Name: SR-14(0056)_Run-1C_Exc_1_2-17-05
 Std Fctrs File : C:\Work_Data\BRAC\COBRA\BRAC2005.SFF

Base: NAVSHI PYD PORTSMOUTH, NH (N00102)	2006	2007	2008	2009	2010	2011	Total	Beyond
RECURRING COSTS -----(\$K)-----								
O&M								
Sustainment	0	0	0	0	0	0	0	0
Recap	0	0	0	0	0	0	0	0
BOS	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
TRI CARE	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Off Salary	0	0	0	0	0	0	0	0
Enl Salary	0	0	0	0	0	0	0	0
House Allow	0	0	0	0	0	0	0	0
OTHER								
Mission Activ	0	0	0	0	0	0	0	0
Misc Recur	0	0	219	219	219	219	876	219
TOTAL RECUR	0	0	219	219	219	219	876	219
TOTAL COSTS	12,021	34,663	293,193	17,354	219	219	357,669	219
ONE-TIME SAVES -----(\$K)-----								
CONSTRUCTION								
MILCON	0	0	0	0	0	0	0	0
O&M								
1-Time Move	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Moving	0	0	30	0	0	0	30	0
OTHER								
Environmental	0	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0	0
TOTAL ONE-TIME	0	0	30	0	0	0	30	0
RECURRING SAVES -----(\$K)-----								
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
Sustainment	19	92	402	402	402	402	1,719	402
Recap	187	913	4,426	4,426	4,426	4,426	18,806	4,426
BOS	258	1,260	6,112	6,112	6,112	6,112	25,967	6,112
Civ Salary	0	0	103,711	207,422	207,422	207,422	725,978	207,422
MIL PERSONNEL								
Off Salary	0	0	3,562	7,123	7,123	7,123	24,932	7,123
Enl Salary	0	0	5,562	11,124	11,124	11,124	38,933	11,124
House Allow	0	0	2,353	2,353	2,353	2,353	9,412	2,353
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission Activ	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
TOTAL RECUR	464	2,265	126,128	238,963	238,963	238,963	845,747	238,963
TOTAL SAVINGS	464	2,265	126,158	238,963	238,963	238,963	845,777	238,963

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 Option Pkg Name: SR-14(0056)_Run-1C_Exc_1_2-17-05
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Base: NAVSHI PYD PORTSMOUTH, NH (N00102)	2006	2007	2008	2009	2010	2011	Total	
ONE-TIME NET	2006	2007	2008	2009	2010	2011	Total	
-----(\$K)-----	----	----	----	----	----	----	-----	
CONSTRUCTION								
MILCON	0	0	0	0	0	0	0	
O&M								
Civ Retir/RIF	843	3,251	74,505	0	0	0	78,600	
Civ Moving	7,145	27,907	32,232	0	0	0	67,284	
Info Tech	27	104	42	0	0	0	173	
Other	4,006	3,401	24,443	0	0	0	31,849	
MIL PERSONNEL								
Mil Moving	0	0	1,156	0	0	0	1,156	
OTHER								
HAP / RSE	0	0	0	0	0	0	0	
Environmental	0	0	0	0	0	0	0	
Misn Contract	0	0	0	0	0	0	0	
1-Time Other	0	0	160,565	17,135	0	0	177,700	
TOTAL ONE-TIME	12,021	34,663	292,944	17,135	0	0	356,763	
RECURRING NET	2006	2007	2008	2009	2010	2011	Total	Beyond
-----(\$K)-----	----	----	----	----	----	----	-----	-----
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
Sustainment	-19	-92	-402	-402	-402	-402	-1,719	-402
Recap	-187	-913	-4,426	-4,426	-4,426	-4,426	-18,806	-4,426
BOS	-258	-1,260	-6,112	-6,112	-6,112	-6,112	-25,967	-6,112
Civ Salary	0	0	-103,711	-207,422	-207,422	-207,422	-725,978	-207,422
TRICARE	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Salary	0	0	-9,124	-18,247	-18,247	-18,247	-63,865	-18,247
House Allow	0	0	-2,353	-2,353	-2,353	-2,353	-9,412	-2,353
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission Activ	0	0	0	0	0	0	0	0
Misc Recur	0	0	219	219	219	219	876	219
TOTAL RECUR	-464	-2,265	-125,909	-238,744	-238,744	-238,744	-844,871	-238,744
TOTAL NET COST	11,557	32,398	167,035	-221,609	-238,744	-238,744	-488,108	-238,744

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Base: NAVSTA PEARL HARBOR, HI (N62813)	2008	2009	2010	2011	Total		
ONE-TIME COSTS	2006	2007	2008	2009	2010	2011	Total
-----(\$K)-----	----	----	----	----	----	----	-----
CONSTRUCTION							
MILCON	0	0	0	0	0	0	0
O&M							
CIV SALARY							
Civ RIFs	0	0	0	0	0	0	0
Civ Retire	0	0	0	0	0	0	0
CIV MOVING							
Per Diem	0	0	0	0	0	0	0
POV Miles	0	0	0	0	0	0	0
Home Purch	0	0	0	0	0	0	0
HHG	0	0	0	0	0	0	0
Misc	0	0	0	0	0	0	0
House Hunt	0	0	0	0	0	0	0
PPP	0	0	0	0	0	0	0
RITA	0	0	0	0	0	0	0
FREIGHT							
Packing	0	0	0	0	0	0	0
Freight	0	0	0	0	0	0	0
Vehicles	0	0	0	0	0	0	0
Unemployment	0	0	0	0	0	0	0
OTHER							
Info Tech	0	0	0	0	0	0	0
Prog Manage	0	0	0	0	0	0	0
Supt Contract	0	0	0	0	0	0	0
Mothball	0	0	0	0	0	0	0
1-Time Move	0	0	0	0	0	0	0
MIL PERSONNEL							
MIL MOVING							
Per Diem	0	0	0	0	0	0	0
POV Miles	0	0	0	0	0	0	0
HHG	0	0	0	0	0	0	0
Misc	0	0	0	0	0	0	0
OTHER							
Elim PCS	0	0	0	0	0	0	0
OTHER							
HAP / RSE	0	0	0	0	0	0	0
Environmental	0	0	0	0	0	0	0
Misc Contract	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0
TOTAL ONE-TIME	0	0	0	0	0	0	0

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Department :
 Scenario File : Z:\Cobra\ShipRepair&Overhaul\SR-14\New_Runs_Feb_17_05\Run_1C\SR14(0056)_Run-1C_Exc_1_2-17-05.CBR
 Option Pkg Name: SR-14(0056)_Run-1C_Exc_1_2-17-05
 Std Fctrs File : C:\Work_Data\BRAC\COBRA\BRAC2005.SFF

Base: NAVSTA PEARL HARBOR, HI (N62813)	2006	2007	2008	2009	2010	2011	Total	Beyond
RECURRING COSTS (\$K)								
O&M								
Sustainment	0	0	0	0	0	0	0	0
Recap	0	0	0	0	0	0	0	0
BOS	351	598	1,763	1,763	1,763	1,763	8,002	1,763
Civ Salary	2,661	7,195	17,913	26,757	26,757	26,757	108,039	26,757
TRICARE	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Off Salary	0	0	0	0	0	0	0	0
Enl Salary	0	0	0	0	0	0	0	0
House Allow	0	0	0	0	0	0	0	0
OTHER								
Mission Activ	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
TOTAL RECUR	3,011	7,793	19,676	28,520	28,520	28,520	116,041	28,520
TOTAL COSTS	3,011	7,793	19,676	28,520	28,520	28,520	116,041	28,520
ONE-TIME SAVES (\$K)								
CONSTRUCTION								
MILCON	0	0	0	0	0	0	0	0
O&M								
1-Time Move	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Moving	0	0	0	0	0	0	0	0
OTHER								
Environmental	0	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0	0
TOTAL ONE-TIME	0	0	0	0	0	0	0	0
RECURRING SAVES (\$K)								
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
Sustainment	0	0	0	0	0	0	0	0
Recap	0	0	0	0	0	0	0	0
BOS	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Off Salary	0	0	0	0	0	0	0	0
Enl Salary	0	0	0	0	0	0	0	0
House Allow	0	0	0	0	0	0	0	0
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission Activ	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	0	0	0	0	0	0
TOTAL SAVINGS	0	0	0	0	0	0	0	0

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Department :
 Scenario File : Z:\Cobra\ShipRepair&Overhaul\SR-14\New_Runs_Feb_17_05\Run_1C\SR14(0056)_Run-1C_Exc_1_2-17-05.CBR
 Option Pkg Name: SR-14(0056)_Run-1C_Exc_1_2-17-05
 Std Fctrs File : C:\Work_Data\BRAC\COBRA\BRAC2005.SFF

Base: NAVSTA PEARL HARBOR, HI (N62813)	2006	2007	2008	2009	2010	2011	Total	
ONE-TIME NET	----	----	----	----	----	----	-----	
-----(\$K)-----								
CONSTRUCTION								
MILCON	0	0	0	0	0	0	0	
O&M								
Civ Retir/RIF	0	0	0	0	0	0	0	
Civ Moving	0	0	0	0	0	0	0	
Info Tech	0	0	0	0	0	0	0	
Other	0	0	0	0	0	0	0	
MIL PERSONNEL								
MIL Moving	0	0	0	0	0	0	0	
OTHER								
HAP / RSE	0	0	0	0	0	0	0	
Environmental	0	0	0	0	0	0	0	
Misn Contract	0	0	0	0	0	0	0	
1-Time Other	0	0	0	0	0	0	0	
TOTAL ONE-TIME	0	0	0	0	0	0	0	
RECURRING NET	2006	2007	2008	2009	2010	2011	Total	Beyond
-----(\$K)-----	----	----	----	----	----	----	-----	-----
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
Sustainment	0	0	0	0	0	0	0	0
Recap	0	0	0	0	0	0	0	0
BOS	351	598	1,763	1,763	1,763	1,763	8,002	1,763
Civ Salary	2,661	7,195	17,913	26,757	26,757	26,757	108,039	26,757
TRICARE	0	0	0	0	0	0	0	0
MIL PERSONNEL								
MIL Salary	0	0	0	0	0	0	0	0
House Allow	0	0	0	0	0	0	0	0
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission Activ	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
TOTAL RECUR	3,011	7,793	19,676	28,520	28,520	28,520	116,041	28,520
TOTAL NET COST	3,011	7,793	19,676	28,520	28,520	28,520	116,041	28,520

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Department :
 Scenario File : Z:\Cobra\ShipRepair&Overhaul\SR-14\New_Runs_Feb_17_05\Run_1C\SR14(0056)_Run-1C_Exc_1_2-17-05.CBR
 Option Pkg Name: SR-14(0056)_Run-1C_Exc_1_2-17-05
 Std Fctrs File : C:\Work_Data\BRAC\COBRA\BRAC2005.SFF

Base: NAVSTA BREMERTON, WA (N32416)	2006	2007	2008	2009	2010	2011	Total
ONE-TIME COSTS	----	----	----	----	----	----	----
-----(\$K)-----							
CONSTRUCTION							
MILCON	409	2,808	0	0	0	0	3,216
O&M							
CIV SALARY							
Civ RIFs	0	0	0	0	0	0	0
Civ Retire	0	0	0	0	0	0	0
CIV MOVING							
Per Diem	0	0	0	0	0	0	0
POV Miles	0	0	0	0	0	0	0
Home Purch	0	0	0	0	0	0	0
HHG	0	0	0	0	0	0	0
Misc	0	0	0	0	0	0	0
House Hunt	0	0	0	0	0	0	0
PPP	0	0	0	0	0	0	0
RITA	0	0	0	0	0	0	0
FREIGHT							
Packing	0	0	0	0	0	0	0
Freight	0	0	0	0	0	0	0
Vehicles	0	0	0	0	0	0	0
Unemployment	0	0	0	0	0	0	0
OTHER							
Info Tech	0	0	0	0	0	0	0
Prog Manage	0	0	0	0	0	0	0
Supt Contract	0	0	0	0	0	0	0
Mothball	0	0	0	0	0	0	0
1-Time Move	0	0	0	0	0	0	0
MIL PERSONNEL							
MIL MOVING							
Per Diem	0	0	0	0	0	0	0
POV Miles	0	0	0	0	0	0	0
HHG	0	0	0	0	0	0	0
Misc	0	0	0	0	0	0	0
OTHER							
Elim PCS	0	0	0	0	0	0	0
OTHER							
HAP / RSE	0	0	0	0	0	0	0
Environmental	0	0	0	0	0	0	0
Mi sn Contract	0	0	0	0	0	0	0
1-Time Other	0	2,389	0	0	0	0	2,389
TOTAL ONE-TIME	409	5,197	0	0	0	0	5,605

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Department :
 Scenario File : Z:\Cobra\ShipRepair&Overhaul\SR-14\New_Runs_Feb_17_05\Run_1C\SR14(0056)_Run-1C_Exc_1_2-17-05.CBR
 Option Pkg Name: SR-14(0056)_Run-1C_Exc_1_2-17-05
 Std Fctrs File : C:\Work_Data\BRAC\COBRA\BRAC2005.SFF

Base: NAVSTA BREMERTON, WA (N32416)								
RECURRING COSTS	2006	2007	2008	2009	2010	2011	Total	Beyond
-----(\$K)-----	----	----	----	----	----	----	-----	-----
O&M								
Sustainment	2	48	48	48	48	48	245	48
Recap	1	26	26	26	26	26	131	26
BOS	5	23	475	475	475	475	1,929	475
Civ Salary	552	1,104	45,729	90,354	90,354	90,354	318,447	90,354
TRICARE	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Off Salary	0	0	0	0	0	0	0	0
Enl Salary	0	0	0	0	0	0	0	0
House Allow	0	0	0	0	0	0	0	0
OTHER								
Mission Activ	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
TOTAL RECUR	561	1,202	46,278	90,903	90,903	90,903	320,751	90,903
TOTAL COSTS	970	6,398	46,278	90,903	90,903	90,903	326,357	90,903
ONE-TIME SAVES								
-----(\$K)-----	2006	2007	2008	2009	2010	2011	Total	
-----	----	----	----	----	----	----	-----	
CONSTRUCTION								
MILCON	0	0	0	0	0	0	0	
O&M								
1-Time Move	0	0	0	0	0	0	0	
MIL PERSONNEL								
Mil Moving	0	0	0	0	0	0	0	
OTHER								
Environmental	0	0	0	0	0	0	0	
1-Time Other	0	0	0	0	0	0	0	
TOTAL ONE-TIME	0	0	0	0	0	0	0	
RECURRING SAVES								
-----(\$K)-----	2006	2007	2008	2009	2010	2011	Total	Beyond
-----	----	----	----	----	----	----	-----	-----
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
Sustainment	0	0	0	0	0	0	0	0
Recap	0	0	0	0	0	0	0	0
BOS	0	0	0	0	0	0	0	0
Civ Salary	0	56	56	56	56	56	280	56
MIL PERSONNEL								
Off Salary	0	0	0	0	0	0	0	0
Enl Salary	0	0	0	0	0	0	0	0
House Allow	0	0	0	0	0	0	0	0
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission Activ	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
TOTAL RECUR	0	56	56	56	56	56	280	56
TOTAL SAVINGS	0	56	56	56	56	56	280	56

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Department :
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 Option Pkg Name: SR-14(0056)_Run-1C_Exc_1_2-17-05
 Std Fctrs File : C:\Work_Data\BRAC\COBRA\BRAC2005.SFF

Base: NAVSTA BREMERTON, WA (N32416)								
ONE-TIME NET	2006	2007	2008	2009	2010	2011	Total	
-----(\$K)-----	----	----	----	----	----	----	-----	
CONSTRUCTION								
MILCON	409	2,808	0	0	0	0	3,216	
O&M								
Civ Retir/RIF	0	0	0	0	0	0	0	
Civ Moving	0	0	0	0	0	0	0	
Info Tech	0	0	0	0	0	0	0	
Other	0	0	0	0	0	0	0	
MIL PERSONNEL								
MIL Moving	0	0	0	0	0	0	0	
OTHER								
HAP / RSE	0	0	0	0	0	0	0	
Environmental	0	0	0	0	0	0	0	
Mn sn Contract	0	0	0	0	0	0	0	
1-Time Other	0	2,389	0	0	0	0	2,389	
TOTAL ONE-TIME	409	5,197	0	0	0	0	5,605	
RECURRING NET	2006	2007	2008	2009	2010	2011	Total	Beyond
-----(\$K)-----	----	----	----	----	----	----	-----	-----
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
Sustainment	2	48	48	48	48	48	245	48
Recap	1	26	26	26	26	26	131	26
BOS	5	23	475	475	475	475	1,929	475
Civ Salary	552	1,048	45,673	90,298	90,298	90,298	318,166	90,298
TRI CARE	0	0	0	0	0	0	0	0
MIL PERSONNEL								
MIL Salary	0	0	0	0	0	0	0	0
House Allow	0	0	0	0	0	0	0	0
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission Activ	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
TOTAL RECUR	561	1,146	46,222	90,847	90,847	90,847	320,471	90,847
TOTAL NET COST	970	6,342	46,222	90,847	90,847	90,847	326,076	90,847

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 Option Pkg Name: SR-14(0056)_Run-1C_Exc_1_2-17-05
 Std Fctrs File : C:\Work_Data\BRAC\COBRA\BRAC2005.SFF

Base: NSY NORFOLK, VA (N00181)	2006	2007	2008	2009	2010	2011	Total
ONE-TIME COSTS	----	----	----	----	----	----	-----
-----(\$K)-----							
CONSTRUCTION							
MILCON	10,415	9,438	0	0	0	0	19,853
O&M							
CIV SALARY							
Civ RIFs	0	0	0	0	0	0	0
Civ Retire	0	0	0	0	0	0	0
CIV MOVING							
Per Diem	0	0	0	0	0	0	0
POV Miles	0	0	0	0	0	0	0
Home Purch	0	0	0	0	0	0	0
HHG	0	0	0	0	0	0	0
Misc	0	0	0	0	0	0	0
House Hunt	0	0	0	0	0	0	0
PPP	0	0	0	0	0	0	0
RITA	0	0	0	0	0	0	0
FREIGHT							
Packing	0	0	0	0	0	0	0
Freight	0	0	0	0	0	0	0
Vehicles	0	0	0	0	0	0	0
Unemployment	0	0	0	0	0	0	0
OTHER							
Info Tech	0	0	0	0	0	0	0
Prog Manage	0	0	0	0	0	0	0
Supt Contract	0	0	0	0	0	0	0
Mothball	0	0	0	0	0	0	0
1-Time Move	0	0	0	0	0	0	0
MIL PERSONNEL							
MIL MOVING							
Per Diem	0	0	0	0	0	0	0
POV Miles	0	0	0	0	0	0	0
HHG	0	0	0	0	0	0	0
Misc	0	0	0	0	0	0	0
OTHER							
Elim PCS	0	0	0	0	0	0	0
OTHER							
HAP / RSE	0	0	0	0	0	0	0
Environmental	0	0	0	0	0	0	0
Misc Contract	0	0	0	0	0	0	0
1-Time Other	0	18,748	9,009	7,207	5,405	3,604	43,973
TOTAL ONE-TIME	10,415	28,186	9,009	7,207	5,405	3,604	63,826

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Department :
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 Option Pkg Name: SR-14(0056)_Run-1C_Exc_1_2-17-05
 Std Fctrs File : C:\Work_Data\BRAC\COBRA\BRAC2005.SFF

Base: NSY NORFOLK, VA (N00181)	2006	2007	2008	2009	2010	2011	Total	Beyond
RECURRING COSTS								
-----(\$K)-----	----	----	----	----	----	----	-----	-----
O&M								
Sustainment	49	102	102	102	102	102	559	102
Recap	84	174	174	174	174	174	955	174
BOS	152	643	1,335	1,335	1,335	1,335	6,137	1,335
Civ Salary	698	1,529	24,969	48,275	48,275	48,275	172,022	48,275
TRICARE	0	0	6	6	6	6	22	6
MIL PERSONNEL								
Off Salary	0	0	0	0	0	0	0	0
Enl Salary	0	0	0	0	0	0	0	0
House Allow	0	0	76	76	76	76	305	76
OTHER								
Mission Activ	0	0	0	0	0	0	0	0
Misc Recur	6,047	18,378	0	0	0	0	24,425	0
TOTAL RECUR	7,030	20,827	26,662	49,969	49,969	49,969	204,426	49,969
TOTAL COSTS	17,445	49,013	35,671	57,176	55,374	53,573	268,252	49,969
ONE-TIME SAVES								
-----(\$K)-----	----	----	----	----	----	----	-----	
CONSTRUCTION								
MILCON	0	0	0	0	0	0	0	
O&M								
1-Time Move	0	0	0	0	0	0	0	
MIL PERSONNEL								
Mil Moving	0	0	0	0	0	0	0	
OTHER								
Environmental	0	0	0	0	0	0	0	
1-Time Other	0	0	0	0	0	0	0	
TOTAL ONE-TIME	0	0	0	0	0	0	0	
RECURRING SAVES								
-----(\$K)-----	----	----	----	----	----	----	-----	-----
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
Sustainment	0	0	0	0	0	0	0	0
Recap	0	0	0	0	0	0	0	0
BOS	0	0	0	0	0	0	0	0
Civ Salary	654	3,005	3,743	3,743	3,743	3,743	18,630	3,743
MIL PERSONNEL								
Off Salary	0	0	0	0	0	0	0	0
Enl Salary	0	0	0	0	0	0	0	0
House Allow	0	0	0	0	0	0	0	0
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission Activ	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
TOTAL RECUR	654	3,005	3,743	3,743	3,743	3,743	18,630	3,743
TOTAL SAVINGS	654	3,005	3,743	3,743	3,743	3,743	18,630	3,743

Department :
 Scenario File : Z:\Cobra\ShipRepair&Overhaul\SR-14\New_Runs_Feb_17_05\Run_1C\SR14(0056)_Run-1C_Exc_1_2-17-05.CBR
 Option Pkg Name: SR-14(0056)_Run-1C_Exc_1_2-17-05
 Std Fctrs File : C:\Work_Data\BRAC\COBRA\BRAC2005.SFF

Base: NSY NORFOLK, VA (N00181)								
ONE-TIME NET	2006	2007	2008	2009	2010	2011	Total	
-----(\$K)-----	----	----	----	----	----	----	-----	
CONSTRUCTION								
MILCON	10,415	9,438	0	0	0	0	19,853	
O&M								
Civ Retir/RIF	0	0	0	0	0	0	0	
Civ Moving	0	0	0	0	0	0	0	
Info Tech	0	0	0	0	0	0	0	
Other	0	0	0	0	0	0	0	
MIL PERSONNEL								
MIL Moving	0	0	0	0	0	0	0	
OTHER								
HAP / RSE	0	0	0	0	0	0	0	
Environmental	0	0	0	0	0	0	0	
Mn sn Contract	0	0	0	0	0	0	0	
1-Time Other	0	18,748	9,009	7,207	5,405	3,604	43,973	
TOTAL ONE-TIME	10,415	28,186	9,009	7,207	5,405	3,604	63,826	
RECURRING NET	2006	2007	2008	2009	2010	2011	Total	Beyond
-----(\$K)-----	----	----	----	----	----	----	-----	-----
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
Sustainment	49	102	102	102	102	102	559	102
Recap	84	174	174	174	174	174	955	174
BOS	152	643	1,335	1,335	1,335	1,335	6,137	1,335
Civ Salary	44	-1,476	21,226	44,532	44,532	44,532	153,392	44,532
TRICARE	0	0	6	6	6	6	22	6
MIL PERSONNEL								
MIL Salary	0	0	0	0	0	0	0	0
House Allow	0	0	76	76	76	76	305	76
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission Activ	0	0	0	0	0	0	0	0
Misc Recur	6,047	18,378	0	0	0	0	24,425	0
TOTAL RECUR	6,376	17,822	22,920	46,226	46,226	46,226	185,796	46,226
TOTAL NET COST	16,791	46,008	31,929	53,433	51,631	49,830	249,622	46,226

COBRA ECONOMIC IMPACT REPORT (COBRA v6.07)

Data As Of 2/17/2005 1:01:58 PM, Report Created 2/17/2005 1:06:37 PM

Department :
 Scenario File : Z:\Cobra\ShipRepair&Overhaul\SR-14\New_Runs_Feb_17_05\Run_1C\SR14(0056)_Run-1C_Exc_1_2-17-05.CBR
 Option Pkg Name: SR-14(0056)_Run-1C_Exc_1_2-17-05
 Std Fctrs File : C:\Work_Data\BRAC\COBRA\BRAC2005.SFF

NAVSHI PYD PORTSMOUTH, NH (N00102)

	2006	2007	2008	2009	2010	2011	Total
Jobs Gained-Mil	0	0	0	0	0	0	0
Jobs Lost-Mil	0	0	201	0	0	0	201
NET CHANGE-Mil	0	0	-201	0	0	0	-201
Jobs Gained-Civ	0	0	0	0	0	0	0
Jobs Lost-Civ	179	694	3,159	0	0	0	4,032
NET CHANGE-Civ	-179	-694	-3,159	0	0	0	-4,032
Jobs Gained-Stu	0	0	0	0	0	0	0
Jobs Lost-Stu	0	0	0	0	0	0	0
NET CHANGE-Stu	0	0	0	0	0	0	0

NAVSTA PEARL HARBOR, HI (N62813)

	2006	2007	2008	2009	2010	2011	Total
Jobs Gained-Mil	0	0	0	0	0	0	0
Jobs Lost-Mil	0	0	0	0	0	0	0
NET CHANGE-Mil	0	0	0	0	0	0	0
Jobs Gained-Civ	71	50	236	0	0	0	357
Jobs Lost-Civ	0	0	0	0	0	0	0
NET CHANGE-Civ	71	50	236	0	0	0	357
Jobs Gained-Stu	0	0	0	0	0	0	0
Jobs Lost-Stu	0	0	0	0	0	0	0
NET CHANGE-Stu	0	0	0	0	0	0	0

NAVSTA BREMERTON, WA (N32416)

	2006	2007	2008	2009	2010	2011	Total
Jobs Gained-Mil	0	0	0	0	0	0	0
Jobs Lost-Mil	0	0	0	0	0	0	0
NET CHANGE-Mil	0	0	0	0	0	0	0
Jobs Gained-Civ	16	50	1,293	0	0	0	1,359
Jobs Lost-Civ	0	0	0	0	0	0	0
NET CHANGE-Civ	16	50	1,293	0	0	0	1,359
Jobs Gained-Stu	0	0	0	0	0	0	0
Jobs Lost-Stu	0	0	0	0	0	0	0
NET CHANGE-Stu	0	0	0	0	0	0	0

NSY NORFOLK, VA (N00181)

	2006	2007	2008	2009	2010	2011	Total
Jobs Gained-Mil	0	0	9	0	0	0	9
Jobs Lost-Mil	0	0	0	0	0	0	0
NET CHANGE-Mil	0	0	9	0	0	0	9
Jobs Gained-Civ	200	648	903	0	0	0	1,751
Jobs Lost-Civ	0	0	0	0	0	0	0
NET CHANGE-Civ	200	648	903	0	0	0	1,751
Jobs Gained-Stu	0	0	0	0	0	0	0
Jobs Lost-Stu	0	0	0	0	0	0	0
NET CHANGE-Stu	0	0	0	0	0	0	0

SCENARIO ERROR REPORT (COBRA v6.07)

Data As Of 2/17/2005 1:01:58 PM, Report Created 2/17/2005 1:06:37 PM

Department :
Scenario File : Z:\Cobra\ShipRepair&Overhaul\SR-14\New_Runs_Feb_17_05\Run_1C\SR14(0056)_Run-1C_Exc_1_2-17-05.CBR
Option Pkg Name: SR-14(0056)_Run-1C_Exc_1_2-17-05
Std Fctrs File : C:\Work_Data\BRAC\COBRA\BRAC2005.SFF

SCENARIO DATA:
No Department was specified for this scenario.

Department :
 Scenario File : Z:\Cobra\ShipRepair&Overhaul\SR-14\New_Runs_Feb_17_05\Run_1C\SR14(0056)_Run-1C_Exc_1_2-17-05.CBR
 Option Pkg Name: SR-14(0056)_Run-1C_Exc_1_2-17-05
 Std Fctrs File : C:\Work_Data\BRAC\COBRA\BRAC2005.SFF

INPUT SCREEN ONE - GENERAL SCENARIO INFORMATION

Model Year One : FY 2006
 Model does Time-Phasing of Construction/Shutdown: Yes

Base Name, ST (Code)	Strategy:
-----	-----
NAVSHIPYD PORTSMOUTH, NH (N00102)	Realignment
NAVSTA PEARL HARBOR, HI (N62813)	Realignment
NAVSTA BREMERTON, WA (N32416)	Realignment
NSY NORFOLK, VA (N00181)	Realignment

INPUT SCREEN TWO - DISTANCE TABLE
 (Only shows distances where personnel or equipment are moving)

Point A:	Point B:	Distance:
-----	-----	-----
NAVSHIPYD PORTSMOUTH, NH (N00102)	NAVSTA BREMERTON, WA (N32416)	3,056 mi
NAVSHIPYD PORTSMOUTH, NH (N00102)	NSY NORFOLK, VA (N00181)	616 mi

INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from NAVSHIPYD PORTSMOUTH, NH (N00102) to NAVSTA BREMERTON, WA (N32416)

	2006	2007	2008	2009	2010	2011
	----	----	----	----	----	----
Officer Positions:	0	0	0	0	0	0
Enlisted Positions:	0	0	0	0	0	0
Civilian Positions:	0	50	0	0	0	0
Student Positions:	0	0	0	0	0	0
NonVeh Missn Eqpt(tons):	0	0	0	0	0	0
Suppt Eqpt (tons):	0	0	0	0	0	0
Military Light Vehicles:	0	0	0	0	0	0
Heavy/Special Vehicles:	0	0	0	0	0	0

Transfers from NAVSHIPYD PORTSMOUTH, NH (N00102) to NSY NORFOLK, VA (N00181)

	2006	2007	2008	2009	2010	2011
	----	----	----	----	----	----
Officer Positions:	0	0	6	0	0	0
Enlisted Positions:	0	0	3	0	0	0
Civilian Positions:	179	644	202	0	0	0
Student Positions:	0	0	0	0	0	0
NonVeh Missn Eqpt(tons):	0	0	20	0	0	0
Suppt Eqpt (tons):	0	0	393	0	0	0
Military Light Vehicles:	0	0	0	0	0	0
Heavy/Special Vehicles:	0	0	1	0	0	0

Department :
 Scenario File : Z:\Cobra\ShipRepair&Overhaul\SR-14\New_Runs_Feb_17_05\Run_1C\SR14(0056)_Run-1C_Exc_1_2-17-05.CBR
 Option Pkg Name: SR-14(0056)_Run-1C_Exc_1_2-17-05
 Std Fctrs File : C:\Work_Data\BRAC\COBRA\BRAC2005.SFF

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: NAVSHIPYD PORTSMOUTH, NH (N00102)

Total Officer Employees:	164	Base Service (for BOS/Sust):	Navy
Total Enlisted Employees:	740	Total Sustainment(\$K/Year):	9,816
Total Student Employees:	0	Sustain Payroll (\$K/Year):	9,343
Total Civilian Employees:	4,779	BOS Non-Payroll (\$K/Year):	21,026
Accomp Mil not Receiving BAH:	0.0%	BOS Payroll (\$K/Year):	31,045
Officer Housing Units Avail:	0	Family Housing (\$K/Year):	0
Enlisted Housing Units Avail:	0	Installation PRV(\$K):	537,085
Starting Facilities(KSF):	4,399	Svc/Agcy Recap Rate (Years):	114
Officer BAH (\$/Month):	2,079	Homeowner Assistance Program:	No
Enlisted BAH (\$/Month):	1,349		
Civ Locality Pay Factor:	1.170	TRI CARE	In-Pat Out-Pat
Area Cost Factor:	1.05		Admits Visits Prescrip
Per Diem Rate (\$/Day):	172	CostFactor	4,764.84 90.17 18.97
Freight Cost (\$/Ton/Mile):	0.33	Actv MTF	0 9,833 8,773
Vehicle Cost (\$/Lift/Mile):	4.84	Actv Purch	171 8,164
Latitude:	43.040000	Retiree	0 21,176 9,385
Longitude:	-70.450000	Retiree65+	0 851 19,755

Name: NAVSTA PEARL HARBOR, HI (N62813)

Total Officer Employees:	993	Base Service (for BOS/Sust):	Navy
Total Enlisted Employees:	5,657	Total Sustainment(\$K/Year):	161,793
Total Student Employees:	25,889	Sustain Payroll (\$K/Year):	0
Total Civilian Employees:	7,998	BOS Non-Payroll (\$K/Year):	244,082
Accomp Mil not Receiving BAH:	0.0%	BOS Payroll (\$K/Year):	110,504
Officer Housing Units Avail:	0	Family Housing (\$K/Year):	0
Enlisted Housing Units Avail:	0	Installation PRV(\$K):	8,511,262
Starting Facilities(KSF):	25,526	Svc/Agcy Recap Rate (Years):	114
Officer BAH (\$/Month):	2,089	Homeowner Assistance Program:	Yes
Enlisted BAH (\$/Month):	1,413		
Civ Locality Pay Factor:	1.250	TRI CARE	In-Pat Out-Pat
Area Cost Factor:	1.66		Admits Visits Prescrip
Per Diem Rate (\$/Day):	194	CostFactor	4,417.94 77.61 41.04
Freight Cost (\$/Ton/Mile):	0.00	Actv MTF	0 119,682 139,584
Vehicle Cost (\$/Lift/Mile):	4.84	Actv Purch	199 19,792
Latitude:	21.180000	Retiree	0 9,217 26,922
Longitude:	-157.510000	Retiree65+	0 572 10,447

Department :
 Scenario File : Z:\Cobra\ShipRepair&Overhaul\SR-14\New_Runs_Feb_17_05\Run_1C\SR14(0056)_Run-1C_Exc_1_2-17-05.CBR
 Option Pkg Name: SR-14(0056)_Run-1C_Exc_1_2-17-05
 Std Fctrs File : C:\Work_Data\BRAC\COBRA\BRAC2005.SFF

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: NAVSTA BREMERTON, WA (N32416)

Total Officer Employees:	335	Base Service (for BOS/Sust):	Navy
Total Enlisted Employees:	3,948	Total Sustainment(\$K/Year):	55,231
Total Student Employees:	21	Sustain Payroll (\$K/Year):	14,832
Total Civilian Employees:	9,623	BOS Non-Payroll (\$K/Year):	7,971
Accomp Mil not Receiving BAH:	0.0%	BOS Payroll (\$K/Year):	15,997
Officer Housing Units Avail:	0	Family Housing (\$K/Year):	0
Enlisted Housing Units Avail:	0	Installation PRV(\$K):	2,935,693
Starting Facilities(KSF):	8,969	Svc/Agcy Recap Rate (Years):	114
Officer BAH (\$/Month):	1,176	Homeowner Assistance Program:	Yes
Enlisted BAH (\$/Month):	854		
Civ Locality Pay Factor:	1.152	TRI CARE	In-Pat Out-Pat
Area Cost Factor:	1.20		Admits Visits Prescrip
Per Diem Rate (\$/Day):	100	CostFactor	4,567.42 87.54 30.74
Freight Cost (\$/Ton/Mile):	0.48	Actv MTF	2,065 129,292 138,346
Vehicle Cost (\$/Lift/Mile):	4.84	Actv Purch	90 7,857
Latitude:	47.746260	Retiree	552 51,173 154,930
Longitude:	-122.724350	Retiree65+	382 15,990 93,063

Name: NSY NORFOLK, VA (N00181)

Total Officer Employees:	173	Base Service (for BOS/Sust):	Navy
Total Enlisted Employees:	1,173	Total Sustainment(\$K/Year):	35,410
Total Student Employees:	107	Sustain Payroll (\$K/Year):	4,575
Total Civilian Employees:	9,021	BOS Non-Payroll (\$K/Year):	14,684
Accomp Mil not Receiving BAH:	0.0%	BOS Payroll (\$K/Year):	655
Officer Housing Units Avail:	0	Family Housing (\$K/Year):	0
Enlisted Housing Units Avail:	0	Installation PRV(\$K):	1,884,037
Starting Facilities(KSF):	7,569	Svc/Agcy Recap Rate (Years):	114
Officer BAH (\$/Month):	1,130	Homeowner Assistance Program:	Yes
Enlisted BAH (\$/Month):	923		
Civ Locality Pay Factor:	1.109	TRI CARE	In-Pat Out-Pat
Area Cost Factor:	0.92		Admits Visits Prescrip
Per Diem Rate (\$/Day):	152	CostFactor	5,359.46 66.70 28.94
Freight Cost (\$/Ton/Mile):	0.77	Actv MTF	0 12,673 190,582
Vehicle Cost (\$/Lift/Mile):	4.84	Actv Purch	205 18,931
Latitude:	36.813880	Retiree	0 24,737 69,024
Longitude:	-76.305190	Retiree65+	0 345 67,524

Department :
 Scenario File : Z:\Cobra\ShipRepair&Overhaul\SR-14\New_Runs_Feb_17_05\Run_1C\SR14(0056)_Run-1C_Exc_1_2-17-05.CBR
 Option Pkg Name: SR-14(0056)_Run-1C_Exc_1_2-17-05
 Std Fctrs File : C:\Work_Data\BRAC\COBRA\BRAC2005.SFF

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name:	NAVSHIPYD PORTSMOUTH, NH (N00102)					
	2006	2007	2008	2009	2010	2011
	----	----	----	----	----	----
1-Time Unique Cost (\$K):	0	0	160,565	17,135	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	15,546	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-Mil Con Reqd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misn Contract Start(\$K):	0	0	0	0	0	0
Misn Contract Term (\$K):	0	0	0	0	0	0
Supt Contract Term (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	219	219	219	219
Misc Recurring Save(\$K):	0	0	0	0	0	0
One-Time IT Costs (\$K):	0	0	0	0	0	0
Construction Schedule(%):	0%	0%	0%	0%	0%	0%
Shutdown Schedule (%):	0%	0%	0%	0%	0%	0%
Misn Milcon Avoindc(\$K):	0	0	0	0	0	0
Procurement Avoindc(\$K):	0	0	0	0	0	0
MTF Closure Action:	None Fac ShDn(KSF):			4,133	FH ShDn:	0.000%

Name:	NAVSTA PEARL HARBOR, HI (N62813)					
	2006	2007	2008	2009	2010	2011
	----	----	----	----	----	----
1-Time Unique Cost (\$K):	0	0	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-Mil Con Reqd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misn Contract Start(\$K):	0	0	0	0	0	0
Misn Contract Term (\$K):	0	0	0	0	0	0
Supt Contract Term (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
One-Time IT Costs (\$K):	0	0	0	0	0	0
Construction Schedule(%):	0%	0%	0%	0%	0%	0%
Shutdown Schedule (%):	0%	0%	0%	0%	0%	0%
Misn Milcon Avoindc(\$K):	0	0	0	0	0	0
Procurement Avoindc(\$K):	0	0	0	0	0	0
MTF Closure Action:	None Fac ShDn(KSF):			0	FH ShDn:	0.000%

Department :
 Scenario File : Z:\Cobra\ShipRepair&Overhaul\SR-14\New_Runs_Feb_17_05\Run_1C\SR14(0056)_Run-1C_Exc_1_2-17-05.CBR
 Option Pkg Name: SR-14(0056)_Run-1C_Exc_1_2-17-05
 Std Fctrs File : C:\Work_Data\BRAC\COBRA\BRAC2005.SFF

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: NAVSTA BREMERTON, WA (N32416)	2006	2007	2008	2009	2010	2011
	----	----	----	----	----	----
1-Time Unique Cost (\$K):	0	2,389	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-Mil Con Reqd (\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misn Contract Start (\$K):	0	0	0	0	0	0
Misn Contract Term (\$K):	0	0	0	0	0	0
Supt Contract Term (\$K):	0	0	0	0	0	0
Misc Recurring Cost (\$K):	0	0	0	0	0	0
Misc Recurring Save (\$K):	0	0	0	0	0	0
One-Time IT Costs (\$K):	0	0	0	0	0	0
Construction Schedule (%):	0%	0%	0%	0%	0%	0%
Shutdown Schedule (%):	0%	0%	0%	0%	0%	0%
Misn Milcon Avoidnc (\$K):	0	0	0	0	0	0
Procurement Avoidnc (\$K):	0	0	0	0	0	0
MTF Closure Action:	None	Fac ShDn(KSF):		0	FH ShDn:	0.000%

Name: NSY NORFOLK, VA (N00181)	2006	2007	2008	2009	2010	2011
	----	----	----	----	----	----
1-Time Unique Cost (\$K):	0	18,748	9,009	7,207	5,405	3,604
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-Mil Con Reqd (\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misn Contract Start (\$K):	0	0	0	0	0	0
Misn Contract Term (\$K):	0	0	0	0	0	0
Supt Contract Term (\$K):	0	0	0	0	0	0
Misc Recurring Cost (\$K):	6,047	18,378	0	0	0	0
Misc Recurring Save (\$K):	0	0	0	0	0	0
One-Time IT Costs (\$K):	0	0	0	0	0	0
Construction Schedule (%):	0%	0%	0%	0%	0%	0%
Shutdown Schedule (%):	0%	0%	0%	0%	0%	0%
Misn Milcon Avoidnc (\$K):	0	0	0	0	0	0
Procurement Avoidnc (\$K):	0	0	0	0	0	0
MTF Closure Action:	None	Fac ShDn(KSF):		0	FH ShDn:	0.000%

Department :
 Scenario File : Z:\Cobra\ShipRepair&Overhaul\SR-14\New_Runs_Feb_17_05\Run_1C\SR14(0056)_Run-1C_Exc_1_2-17-05.CBR
 Option Pkg Name: SR-14(0056)_Run-1C_Exc_1_2-17-05
 Std Fctrs File : C:\Work_Data\BRAC\COBRA\BRAC2005.SFF

INPUT SCREEN SIX - BASE PERSONNEL INFORMATION

Name: NAVSHI PYD PORTSMOUTH, NH (N00102)	2006	2007	2008	2009	2010	2011
Off Scenario Change:	0	0	-57	0	0	0
Enl Scenario Change:	0	0	-135	0	0	0
Civ Scenario Change:	0	0	-2,957	0	0	0
Off Prog nonBRAC Change:	0	0	0	0	0	0
Enl Prog nonBRAC Change:	0	0	0	0	0	0
Civ Prog nonBRAC Change:	-168	-405	-168	0	0	0
Stu Prog nonBRAC Change:	0	0	0	0	0	0
Prog FH Privatization:	0%	0%	0%	0%	0%	0%

INPUT SCREEN SIX - BASE PERSONNEL INFORMATION

Name: NAVSTA PEARL HARBOR, HI (N62813)	2006	2007	2008	2009	2010	2011
Off Scenario Change:	0	0	0	0	0	0
Enl Scenario Change:	0	0	0	0	0	0
Civ Scenario Change:	71	50	236	0	0	0
Off Prog nonBRAC Change:	0	1	3	-2	0	0
Enl Prog nonBRAC Change:	-39	-3	0	13	0	0
Civ Prog nonBRAC Change:	-71	-50	-236	-129	-297	351
Stu Prog nonBRAC Change:	0	0	0	0	0	0
Prog FH Privatization:	0%	0%	0%	0%	0%	0%

Name: NAVSTA BREMERTON, WA (N32416)	2006	2007	2008	2009	2010	2011
Off Scenario Change:	0	0	0	0	0	0
Enl Scenario Change:	0	0	0	0	0	0
Civ Scenario Change:	16	0	1,293	0	0	0
Off Prog nonBRAC Change:	-1	0	-28	0	-9	9
Enl Prog nonBRAC Change:	-69	-585	-1	0	0	0
Civ Prog nonBRAC Change:	-16	19	-1,312	325	151	123
Stu Prog nonBRAC Change:	0	0	0	0	0	0
Prog FH Privatization:	0%	0%	0%	0%	0%	0%

Name: NSY NORFOLK, VA (N00181)	2006	2007	2008	2009	2010	2011
Off Scenario Change:	0	0	0	0	0	0
Enl Scenario Change:	0	0	0	0	0	0
Civ Scenario Change:	21	4	701	0	0	0
Off Prog nonBRAC Change:	0	56	0	0	0	0
Enl Prog nonBRAC Change:	158	260	0	0	0	0
Civ Prog nonBRAC Change:	-21	-4	0	0	0	0
Stu Prog nonBRAC Change:	0	0	0	0	0	0
Prog FH Privatization:	0%	0%	0%	0%	0%	0%

Department :
 Scenario File : Z:\Cobra\ShipRepair&Overhaul\SR-14\New_Runs_Feb_17_05\Run_1C\SR14(0056)_Run-1C_Exc_1_2-17-05.CBR
 Option Pkg Name: SR-14(0056)_Run-1C_Exc_1_2-17-05
 Std Fctrs File : C:\Work_Data\BRAC\COBRA\BRAC2005.SFF

INPUT SCREEN SEVEN - BASE MILITARY CONSTRUCTION INFORMATION

Name: NAVSTA BREMERTON, WA (N32416)

FAC	UM	New Mil Con	Rehab Mil Con	TotCost(\$K)	FPG Con CF	FPG Sust CF
4421	SF	28,869	0 Default	0	75.98	2.06

Name: NSY NORFOLK, VA (N00181)

FAC	UM	New Mil Con	Rehab Mil Con	TotCost(\$K)	FPG Con CF	FPG Sust CF
2133	SF	13,000	0 Default	2,297	123.73	1.85
2133	SF	1,000	0 Default	8,100	123.73	1.85
6100	SF	40,400	0 Default	8,124	138.78	2.52
2133	SF	5,000	0 Default	1,332	123.73	1.85

STANDARD FACTORS SCREEN ONE - PERSONNEL

SF File Descrip:

Perc Officers Accompanied:	72.00%	Priority Placement Program:	39.97%
Perc Enlisted Accompanied:	55.00%	PPP Actions Involving PCS:	50.70%
Officer Salary(\$/Year):	124,971.93	Civilian PCS Costs (\$):	35,496.00
Enlisted Salary(\$/Year):	82,399.09	Home Sale Reimburse Rate:	10.00%
Civilian Salary(\$/Year):	59,959.18	Max Home Sale Reimburs(\$):	50,000.00
Avg Unemploy Cost(\$/Week):	272.90	Home Purch Reimburse Rate:	5.00%
Unemployment Eligibility(Weeks):	16	Max Home Purch Reimburs(\$):	25,000.00
Civilians Not Willing To Move:	6.00%	Civilian Homeowning Rate:	68.40%
Civilian Turnover Rate:	9.16%	HAP Home Value Reimburse Rate:	13.46%
Civilian Early Retire Rate:	8.10%	HAP Homeowner Receiving Rate:	18.44%
Civilian Regular Retire Rate:	1.67%	RSE Home Value Reimburse Rate:	0.00%
Civilian RIF Pay Factor:	86.32%	RSE Homeowner Receiving Rate:	0.00%
Civ Early Retire Pay Factor:	18.03%		

STANDARD FACTORS SCREEN TWO - FACILITIES

	Army	Navy	Air Force	Marines
Service Sustainment Rate	87.00%	93.00%	92.00%	97.00%
Unit Cost Adjustment (BOS)	10332.00	8879.00	3032.00	3904.00
Program Management Factor:	10.00	MilCon Site Prep Cost (\$/SF):	0.74	
Mothball (Close) (\$/SF):	0.18	MilCon Contingency Plan Rate:	5.00%	
Mothball (Deac/Realn) (\$/SF):	0.45	MilCon Design Rate (Medical):	13.00%	
Rehab vs. MilCon (Default):	47.00%	MilCon Design Rate (Other):	9.00%	
Rehab vs. MilCon (Red):	64.00%	MilCon SI OH Rate:	6.00%	
Rehab vs. MilCon (Amber):	29.00%	Discount Rate for NPV/Payback:	3.15%	

STANDARD FACTORS SCREEN THREE - TRANSPORTATION

Material/Assigned Mil (Lb):	710	Storage-In-Transit (\$/Pers):	373.76
HHG Per Off Accomp (Lb):	15,290.00	POV Reimburse(\$/Mile):	0.20
HHG Per Enl Accomp (Lb):	9,204.00	Air Transport (\$/Pass Mile):	0.20
HHG Per Off Unaccomp (Lb):	13,712.00	IT Connect (\$/Person):	200.00
HHG Per Enl Unaccomp (Lb):	6,960.00	Misc Exp(\$/Direct Employee):	1,000.00
HHG Per Civilian (Lb):	18,000.00	Avg Mil Tour Length (Months):	30.02
Total HHG Cost (\$/100Lb):	8.78	One-Time Off PCS Cost(\$):	10,477.58
Equip Pack & Crate(\$/Ton):	180.67	One-Time Enl PCS Cost(\$):	3,998.52

TOTAL COBRA MILITARY CONSTRUCTION ASSETS REPORT (COBRA v6.07)
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All values in 2005 Constant Dollars

Base Name	Total Mil Con*	Mil con Cost Avoidance	Total Net Costs
NAVSHIPYD PORTSMOUTH	0	0	0
NAVSTA PEARL HARBOR	0	0	0
NAVSTA BREMERTON	3,216,543	0	3,216,543
NSY NORFOLK	19,853,000	0	19,853,000
Totals:	23,069,543	0	23,069,543

* All Mil Con Costs include Design, Site Preparation, Contingency Planning, and SIOH Costs where applicable.

COBRA NET PRESENT VALUES REPORT (COBRA v6.07)

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Year	Cost(\$)	Adjusted Cost(\$)	NPV(\$)
----	-----	-----	-----
2006	32,329,830	31,832,357	31,832,357
2007	92,541,086	88,334,579	120,166,936
2008	264,861,908	245,101,756	365,268,692
2009	-48,808,912	-43,788,172	321,480,520
2010	-67,745,912	-58,921,195	262,559,325
2011	-69,546,912	-58,640,420	203,918,905
2012	-73,150,912	-59,795,669	144,123,236
2013	-73,150,912	-57,969,626	86,153,610
2014	-73,150,912	-56,199,347	29,954,263
2015	-73,150,912	-54,483,128	-24,528,866
2016	-73,150,912	-52,819,320	-77,348,185
2017	-73,150,912	-51,206,321	-128,554,506
2018	-73,150,912	-49,642,579	-178,197,086
2019	-73,150,912	-48,126,592	-226,323,677
2020	-73,150,912	-46,656,899	-272,980,577
2021	-73,150,912	-45,232,089	-318,212,665
2022	-73,150,912	-43,850,789	-362,063,454
2023	-73,150,912	-42,511,671	-404,575,126
2024	-73,150,912	-41,213,447	-445,788,573
2025	-73,150,912	-39,954,869	-485,743,442

TOTAL COBRA ONE-TIME COST REPORT (COBRA v6.07)
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(All values in 2005 Constant Dollars)

Category	Cost	Sub-Total
-----	----	-----
Construction		
Military Construction	23,069,543	
Total - Construction		23,069,543
Personnel		
Civilian RIF	74,476,793	
Civilian Early Retirement	4,123,042	
Eliminated Military PCS	1,137,022	
Unemployment	5,474,729	
Total - Personnel		85,211,586
Overhead		
Program Management Cost	8,969,012	
Support Contract Termination	0	
Mothball / Shutdown	1,859,850	
Total - Overhead		10,828,862
Moving		
Civilian Moving	45,211,868	
Civilian PPP	21,262,104	
Military Moving	49,465	
Freight	810,120	
Information Technologies	173,200	
One-Time Moving Costs	15,546,000	
Total - Moving		83,052,757
Other		
HAP / RSE	0	
Environmental Mitigation Costs	0	
Mission Contract Startup and Termination	0	
One-Time Unique Costs	224,062,000	
Total - Other		224,062,000
-----		-----
Total One-Time Costs		426,224,749

One-Time Savings		
Military Construction Cost Avoidances	0	
Military Moving	29,924	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	
-----		-----
Total One-Time Savings		29,924

Total Net One-Time Costs 426,194,824

COBRA SUSTAINMENT/RECAP/BOS/HOUSING CHANGE REPORT (COBRA v6.07)
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Net Change(\$K)	2006	2007	2008	2009	2010	2011	Total	Beyond	
-----	----	----	----	----	----	----	-----	-----	
Sustain Change	33	59	-252	-252	-252	-252	-915	-252	
Recap Change	-102	-713	-4,226	-4,226	-4,226	-4,226	-17,720	-4,226	
BOS Change	249	4	-2,538	-2,538	-2,538	-2,538	-9,899	-2,538	
Housing Change	0	0	0	0	0	0	0	0	
-----		-----		-----		-----		-----	
TOTAL CHANGES	180	-650	-7,016	-7,016	-7,016	-7,016	-28,534	-7,016	

TOTAL COBRA PERSONNEL IMPACT REPORT (COBRA v6.07)
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	Rate	2006	2007	2008	2009	2010	2011	Total
CIVILIAN POSITIONS REALIGNING OUT		179	694	202	0	0	0	1,075
Early Retirement*	8.10%	14	56	16	0	0	0	86
Regular Retirement*	1.67%	3	12	3	0	0	0	18
Civilian Turnover*	9.16%	16	64	19	0	0	0	99
Civs Not Moving (RIFs)*	6.00%	11	42	12	0	0	0	65
Civilians Moving (the remainder)		135	520	152	0	0	0	807
Civilian Positions Available		44	174	50	0	0	0	268
CIVILIAN POSITIONS ELIMINATED		0	0	2,957	0	0	0	2,957
Early Retirement	8.10%	0	0	240	0	0	0	240
Regular Retirement	1.67%	0	0	49	0	0	0	49
Civilian Turnover	9.16%	0	0	271	0	0	0	271
Civs Not Moving (RIFs)*	6.00%	0	0	177	0	0	0	177
Priority Placement#	39.97%	0	0	1,182	0	0	0	1,182
Civilians Available to Move		0	0	1,038	0	0	0	1,038
Civilians Moving		0	0	50	0	0	0	50
Civilian RIFs (the remainder)		0	0	988	0	0	0	988
CIVILIAN POSITIONS REALIGNING IN		179	694	202	0	0	0	1,075
Civilians Moving		135	520	202	0	0	0	857
New Civilian Hired		44	174	0	0	0	0	218
Other Civilian Additions		108	54	2,230	0	0	0	2,392
TOTAL CIVILIAN EARLY RETIREMENTS		14	56	256	0	0	0	326
TOTAL CIVILIAN RIFs		11	42	1,177	0	0	0	1,230
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	0	1,182	0	0	0	1,182
TOTAL CIVILIAN NEW HIRES		152	228	2,230	0	0	0	2,610

* Early Retirements, Regular Retirements, Civilian Turnover, and Civilians Not Willing to Move are not applicable for moves under fifty miles.

Not all Priority Placements involve a Permanent Change of Station. The rate of PPP placements involving a PCS is 50.70%

COBRA PERSONNEL YEARLY PERCENTAGES REPORT (COBRA v6.07) - Page 1/2
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Base: NAVSHI PYD PORTSMOUTH, NH (N00102)

Year	Pers Moved Total	In/Added Percent	Mil Con TimePhase	Pers Moved Total	Out/El imi nated Percent	ShutDn TimePhase
2006	0	0.00%	66.67%	179	4.23%	4.23%
2007	0	0.00%	33.33%	694	16.39%	16.39%
2008	0	0.00%	0.00%	3,360	79.38%	79.38%
2009	0	0.00%	0.00%	0	0.00%	0.00%
2010	0	0.00%	0.00%	0	0.00%	0.00%
2011	0	0.00%	0.00%	0	0.00%	0.00%
TOTALS	0	0.00%	100.00%	4233	100.00%	100.00%

Base: NAVSTA PEARL HARBOR, HI (N62813)

Year	Pers Moved Total	In/Added Percent	Mil Con TimePhase	Pers Moved Total	Out/El imi nated Percent	ShutDn TimePhase
2006	71	19.89%	33.89%	0	0.00%	16.67%
2007	50	14.01%	66.11%	0	0.00%	16.67%
2008	236	66.11%	0.00%	0	0.00%	16.67%
2009	0	0.00%	0.00%	0	0.00%	16.67%
2010	0	0.00%	0.00%	0	0.00%	16.67%
2011	0	0.00%	0.00%	0	0.00%	16.67%
TOTALS	357	100.00%	100.00%	0	0.00%	100.00%

Base: NAVSTA BREMERTON, WA (N32416)

Year	Pers Moved Total	In/Added Percent	Mil Con TimePhase	Pers Moved Total	Out/El imi nated Percent	ShutDn TimePhase
2006	16	1.18%	4.86%	0	0.00%	16.67%
2007	50	3.68%	95.14%	0	0.00%	16.67%
2008	1,293	95.14%	0.00%	0	0.00%	16.67%
2009	0	0.00%	0.00%	0	0.00%	16.67%
2010	0	0.00%	0.00%	0	0.00%	16.67%
2011	0	0.00%	0.00%	0	0.00%	16.67%
TOTALS	1359	100.00%	100.00%	0	0.00%	100.00%

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Base: NSY NORFOLK, VA (N00181)

Year	Pers Moved Total	In/Added Percent	Mil Con TimePhase	Pers Moved Total	Out/Elimi nated Percent	ShutDn TimePhase
2006	200	11.36%	48.18%	0	0.00%	16.67%
2007	648	36.82%	51.82%	0	0.00%	16.67%
2008	912	51.82%	0.00%	0	0.00%	16.67%
2009	0	0.00%	0.00%	0	0.00%	16.67%
2010	0	0.00%	0.00%	0	0.00%	16.67%
2011	0	0.00%	0.00%	0	0.00%	16.67%
TOTALS	1760	100.00%	100.00%	0	0.00%	100.00%

COBRA PERSONNEL SUMMARY REPORT (COBRA v6.07)
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PERSONNEL SUMMARY FOR: NAVSHI PYD PORTSMOUTH, NH (N00102)

BASE POPULATION (FY 2005):

Officers	Enlisted	Students	Civilians
164	740	0	4,779

PROGRAMMED INSTALLATION (NON-BRAC) CHANGES FOR: NAVSHI PYD PORTSMOUTH, NH (N00102)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	-168	-405	-168	0	0	0	-741
TOTAL	-168	-405	-168	0	0	0	-741

BASE POPULATION (Prior to BRAC Action) FOR: NAVSHI PYD PORTSMOUTH, NH (N00102)

Officers	Enlisted	Students	Civilians
164	740	0	4,038

PERSONNEL REALIGNMENTS:

To Base: NAVSTA BREMERTON, WA (N32416)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	0	50	0	0	0	0	50
TOTAL	0	50	0	0	0	0	50

To Base: NSY NORFOLK, VA (N00181)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	6	0	0	0	6
Enlisted	0	0	3	0	0	0	3
Students	0	0	0	0	0	0	0
Civilians	179	644	202	0	0	0	1,025
TOTAL	179	644	211	0	0	0	1,034

TOTAL PERSONNEL REALIGNMENTS (Out of NAVSHI PYD PORTSMOUTH, NH (N00102)):

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	6	0	0	0	6
Enlisted	0	0	3	0	0	0	3
Students	0	0	0	0	0	0	0
Civilians	179	694	202	0	0	0	1,075
TOTAL	179	694	211	0	0	0	1,084

SCENARIO POSITION CHANGES FOR: NAVSHI PYD PORTSMOUTH, NH (N00102)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	-57	0	0	0	-57
Enlisted	0	0	-135	0	0	0	-135
Civilians	0	0	-2,957	0	0	0	-2,957
TOTAL	0	0	-3,149	0	0	0	-3,149

BASE POPULATION (After BRAC Action) FOR: NAVSHI PYD PORTSMOUTH, NH (N00102)

Officers	Enlisted	Students	Civilians
101	602	0	6

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PERSONNEL SUMMARY FOR: NAVSTA PEARL HARBOR, HI (N62813)

BASE POPULATION (FY 2005):

Officers	Enlisted	Students	Civilians
993	5,657	25,889	7,998

PROGRAMMED INSTALLATION (NON-BRAC) CHANGES FOR: NAVSTA PEARL HARBOR, HI (N62813)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	1	3	-2	0	0	2
Enlisted	-39	-3	0	13	0	0	-29
Students	0	0	0	0	0	0	0
Civilians	-71	-50	-236	-129	-297	351	-432
TOTAL	-110	-52	-233	-118	-297	351	-459

BASE POPULATION (Prior to BRAC Action) FOR: NAVSTA PEARL HARBOR, HI (N62813)

Officers	Enlisted	Students	Civilians
995	5,628	25,889	7,566

SCENARIO POSITION CHANGES FOR: NAVSTA PEARL HARBOR, HI (N62813)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0
Civilians	71	50	236	0	0	0	357
TOTAL	71	50	236	0	0	0	357

BASE POPULATION (After BRAC Action) FOR: NAVSTA PEARL HARBOR, HI (N62813)

Officers	Enlisted	Students	Civilians
995	5,628	25,889	7,923

PERSONNEL SUMMARY FOR: NAVSTA BREMERTON, WA (N32416)

BASE POPULATION (FY 2005):

Officers	Enlisted	Students	Civilians
335	3,948	21	9,623

PROGRAMMED INSTALLATION (NON-BRAC) CHANGES FOR: NAVSTA BREMERTON, WA (N32416)

	2006	2007	2008	2009	2010	2011	Total
Officers	-1	0	-28	0	-9	9	-29
Enlisted	-69	-585	-1	0	0	0	-655
Students	0	0	0	0	0	0	0
Civilians	-16	19	-1,312	325	151	123	-710
TOTAL	-86	-566	-1,341	325	142	132	-1,394

BASE POPULATION (Prior to BRAC Action) FOR: NAVSTA BREMERTON, WA (N32416)

Officers	Enlisted	Students	Civilians
306	3,293	21	8,913

PERSONNEL REALIGNMENTS:

From Base: NAVSHIPYD PORTSMOUTH, NH (N00102)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	0	50	0	0	0	0	50
TOTAL	0	50	0	0	0	0	50

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TOTAL PERSONNEL REALIGNMENTS (Into NAVSTA BREMERTON, WA (N32416)):

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	0	50	0	0	0	0	50
TOTAL	0	50	0	0	0	0	50

SCENARIO POSITION CHANGES FOR: NAVSTA BREMERTON, WA (N32416)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0
Civilians	16	0	1,293	0	0	0	1,309
TOTAL	16	0	1,293	0	0	0	1,309

BASE POPULATION (After BRAC Action) FOR: NAVSTA BREMERTON, WA (N32416)

Officers	Enlisted	Students	Civilians
306	3,293	21	10,272

PERSONNEL SUMMARY FOR: NSY NORFOLK, VA (N00181)

BASE POPULATION (FY 2005):

Officers	Enlisted	Students	Civilians
173	1,173	107	9,021

PROGRAMMED INSTALLATION (NON-BRAC) CHANGES FOR: NSY NORFOLK, VA (N00181)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	56	0	0	0	0	56
Enlisted	158	260	0	0	0	0	418
Students	0	0	0	0	0	0	0
Civilians	-21	-4	0	0	0	0	-25
TOTAL	137	312	0	0	0	0	449

BASE POPULATION (Prior to BRAC Action) FOR: NSY NORFOLK, VA (N00181)

Officers	Enlisted	Students	Civilians
229	1,591	107	8,996

PERSONNEL REALIGNMENTS:

From Base: NAVSHIPYD PORTSMOUTH, NH (N00102)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	6	0	0	0	6
Enlisted	0	0	3	0	0	0	3
Students	0	0	0	0	0	0	0
Civilians	179	644	202	0	0	0	1,025
TOTAL	179	644	211	0	0	0	1,034

TOTAL PERSONNEL REALIGNMENTS (Into NSY NORFOLK, VA (N00181)):

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	6	0	0	0	6
Enlisted	0	0	3	0	0	0	3
Students	0	0	0	0	0	0	0
Civilians	179	644	202	0	0	0	1,025
TOTAL	179	644	211	0	0	0	1,034

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SCENARIO POSITION CHANGES FOR: NSY NORFOLK, VA (N00181)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0
Civilians	21	4	701	0	0	0	726
TOTAL	21	4	701	0	0	0	726

BASE POPULATION (After BRAC Action) FOR: NSY NORFOLK, VA (N00181)

Officers	Enlisted	Students	Civilians
235	1,594	107	10,747

Candidate Recommendation # IND-0056

Candidate Recommendation: Realign NAVSHIPYD PORTSMOUTH NH by relocating the ship depot repair function to NAVSHIPYD NORFOLK VA, NAVSHIPYD AND IMF PEARL HARBOR HI, and NAVSHIPYD PUGET SOUND WA, and by relocating the Submarine Maintenance, Engineering, Planning and Procurement Command to NAVSHIPYD NORFOLK VA.

Justification: This recommendation supports depot maintenance mission elimination at NAVSHIPYD PORTSMOUTH NH and reduces excess ship repair capacity. Because of this mission elimination, this recommendation also realigns SUBMEPP PORTSMOUTH NH to NAVSHIPYD NORFOLK VA.

There are four Naval Shipyards performing depot-level ship refueling, modernization, overhaul and repair work: Norfolk, Pearl Harbor, Portsmouth and Puget Sound NSYs. Norfolk and Puget Sound NSYs are substantially larger than Pearl Harbor and Portsmouth NSYs. There is sufficient excess capacity in the aggregate across the four shipyards to close either Pearl Harbor NSY or Portsmouth NSY. Closing any other shipyard or combination of shipyards cannot be done within the excess capacity available at the remaining shipyards. Capacity data was collected across 35 commodity groups. For some of the commodities, there is currently insufficient excess capacity within the commodity to accept all the workload from a closing shipyard; however, when analyzing across the Navy's twenty-year Force Structure Plan, each commodity workload can be accommodated. Portsmouth was selected for closure, rather than Pearl Harbor, because it is the only closure which could eliminate excess capacity and satisfy Navy desires to strive to place ship maintenance capabilities close to the Fleet to: dry dock CVNs and submarines on both coasts and in the central Pacific; refuel/de-fuel/inactivate nuclear-powered ships; and dispose of inactivated nuclear-powered ship reactor compartments. It is the military judgment of the Industrial Joint Cross Service Group that closing Portsmouth Naval Shipyard provides the highest overall military value to the Department. Additional savings, not included in the payback analysis, are anticipated from reduced unit costs at the receiving shipyards because of the higher volume of work.

Payback: The total estimated one-time cost to the Department of Defense to implement this recommendation is \$426,225K. The net of all costs and savings to the Department during the implementation period is a cost of \$203,631K. Annual recurring savings to the Department after implementation are \$73,151K with a payback expected in seven years. The net present value of the costs and savings to the Department over 20 years is a savings of \$485,743K.

Impacts:

Economic Impact on Communities: Assuming no economic recovery, this recommendation could result in a maximum potential reduction of 8,420 jobs (4,233 direct jobs and 4187 indirect jobs) over the 2006-2011 period in the in the Rockingham County-Strafford County, NH Metropolitan Division, which is 3.53 percent of economic area employment.

Community Infrastructure: A review of community attributes indicates no issues regarding the ability of the infrastructure of the communities to support missions, forces and personnel.

Environmental Impact: This recommendation may impact air quality at Norfolk, VA. Norfolk is in maintenance for Ozone (1hr.) and marginal non-attainment for Ozone (8hr). An air conformity determination may be required. This recommendation may impact waste management at both Norfolk and Puget Sound. Norfolk reports increased waste volumes can be accommodated without significant changes to existing facilities and disposal mechanisms. Puget Sound reports the solid waste burden is calculated at 4.5 pounds per person per day. Based upon the personnel movement identified in the recommendation, the increase in the solid waste burden would be 200K pounds annually. This recommendation may impact water resources at Norfolk. Norfolk reports possible impact from increased usage of water resources. Norfolk discharges to an impaired waterway. Groundwater and surface water contamination are reported. This recommendation has no impact on cultural, archeological, or tribal resources; dredging; land use constraints or sensitive resource areas; marine mammals, marine resources and marine sanctuaries; noise; threatened and endangered species and critical habitat; waste management; or wetlands. This recommendation requires waste management and environmental compliance actions with an estimated cost of \$17,135K during the implementation period, which includes \$16,000K for hazardous waste and material at Portsmouth, \$735K for hazardous spill-response capabilities at Portsmouth and \$400K for environmental assessment at Norfolk. These costs were included in the payback calculation. This recommendation does not otherwise impact the costs of environmental restoration, waste management, and environmental compliance activities.