

Ship Intermediate Maintenance Activity Norfolk, Virginia

Recommendation: Realign Ship Intermediate Maintenance Activity Norfolk, by relocating intermediate ship maintenance function to Naval Shipyard Norfolk, VA.

Justification: This recommendation supports capacity reduction at SIMA NORFOLK VA and reduces excess ship repair capacity. This consolidation matches the ship maintenance infrastructure at the other major Fleet concentrations where depot and intermediate level activities are collocated. This consolidation will lead to synergy and efficiency in ship maintenance. This recommendation assumes that Norfolk Naval Shipyard becomes a Direct or Mission Funded activity.

Payback: The total estimated one-time cost to the Department of Defense to implement this recommendation is \$10,564K. The net of all costs and savings to the Department during the implementation period is a savings of \$26,820K. Annual recurring savings to the Department after implementation are \$8,217K with a payback expected in one year. The net present value of the costs and savings to the Department over 20 years is a savings of \$104,262K.

Economic Impact on Communities: Assuming no economic recovery, this recommendation could result in a maximum potential reduction of 209 jobs (95 direct jobs and 114 indirect jobs) over the 2006-2011 period in the in the Virginia Beach-Norfolk-Newport News, VA-NC Metropolitan Statistical Area, which is less than 0.1 percent of economic area employment. The aggregate economic impact of all recommended actions on this economic region of influence was considered and is at Appendix B of Volume I.

Community Infrastructure: A review of community attributes indicates no issues regarding the ability of the infrastructure of the community to support missions, forces and personnel. There are no known community infrastructure impediments to implementation of all recommendations affecting the installations in this recommendation.

Environmental Impact: This recommendation has no impact on air quality; cultural, archeological, or tribal resources; dredging; land use constraints or sensitive resource areas; marine mammals, resources, or sanctuaries; noise; threatened and endangered species or critical habitat; waste management; water resources; or wetlands. This recommendation does not impact the costs of environmental restoration, waste management, and environmental compliance activities. The aggregate environmental impact of all recommended BRAC actions affecting the bases in this recommendation has been reviewed. There are no known environmental impediments to implementation of this recommendation.

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

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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>Intermediate Maintenance</i>						
	CDU_SAN_DIEGO_CA	102.8	118.0		0.0	
	NAVIMFAC_PACNORWEST_BANGOR_WA	1,626.8	1,261.0	1,626.8	0.0	365.8
	NAVIMFAC_PACNORWEST_BREMERTON_WA	146.8	82.0	146.8	0.0	64.8
	NAVIMFAC_PACNORWEST_EVERETT_WA	281.3	99.0	281.3	0.0	182.3
	NAVSUBSUPPFAC_NEW_LONDON_CT	1,201.6	832.1	1,418.8	0.0	586.8
	NSY_AND_IMF_PUGET_SOUND_DET_PT_LOMA_CA	270.5	219.2	270.5	0.0	51.3
	NSY_AND_IMF_PUGET_SOUND_DET_SAN_DIEGO_CA	1,220.0	967.5	1,220.0	0.0	252.5
	SIMA_MAYPORT_FL	852.3	876.3	1,146.0	0.0	269.7
	SIMA_NORFOLK_VA	1,825.0	1,629.3	2,063.7	0.0	434.3
	SIMA_NRMF_INGLESIDE_TX	495.5	262.7	495.5	0.0	232.8
	SIMA_PASCAGOULA_MS	274.6	192.8	308.5	0.0	115.7
	SIMA_SAN_DIEGO_CA	3,050.0	3,050.0	3,686.9	0.0	636.9
	TRIREFFAC_KINGS_BAY_GA	2,088.0	1,614.7	2,088.0	0.0	473.3

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

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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

IJCSG Summary Military Value Report for Shipyard IMA

<i>Activity:</i>	<i>Score:</i>
SIMA_SAN_DIEGO_CA	0.5980
TRIREFFAC_KINGS_BAY_GA	0.5801
NAVIMFAC_PACNORWEST_BANGOR_WA	0.5213
SIMA_NORFOLK_VA	0.4905
CDU_SAN_DIEGO_CA	0.4316
SIMA_MAYPORT_FL	0.3727
SIMA_NRMF_INGLESIDE_TX	0.3042
NAVSUBSUPPFAC_NEW_LONDON_CT	0.2961
SIMA_PASCAGOULA_MS	0.2842
NAVIMFAC_PACNORWEST_EVERETT_WA	0.2220
NSY_AND_IMF_PUGET_SOUND_DET_SAN_DIEGO_CA	0.1737
NSY_AND_IMF_PUGET_SOUND_DET_PT_LOMA_CA	0.1663
NAVIMFAC_PACNORWEST_BREMERTON_WA	0.0748

Department :
 Scenario File : Z:\Cobra\ShipRepair&Overhaul\SR-1\0024 files\SR-1_(0024)_4-20-05.CBR
 Option Pkg Name: SR-1(0024)
 Std Fctrs File : C:\Work_Data\BRAC\COBRA\BRAC2005.SFF

Starting Year : 2006
 Final Year : 2007
 Payback Year : 2008 (1 Year)

NPV in 2025(\$K): -104,262
 1-Time Cost(\$K): 10,564

Net Costs in 2005 Constant Dollars (\$K)								
	2006	2007	2008	2009	2010	2011	Total	Beyond
Mil Con	7,895	0	0	0	0	0	7,895	0
Person	0	-2,634	-7,569	-7,569	-7,569	-7,569	-32,909	-7,569
Overhd	3	-832	-973	-973	-973	-973	-4,722	-973
Moving	0	819	0	0	0	0	819	0
Missio	0	0	0	0	0	0	0	0
Other	302	495	325	325	325	325	2,096	325
TOTAL	8,200	-2,151	-8,217	-8,217	-8,217	-8,217	-26,820	-8,217

	2006	2007	2008	2009	2010	2011	Total
POSITIONS ELIMINATED							
Off	0	2	0	0	0	0	2
Enl	0	51	0	0	0	0	51
Civ	0	42	0	0	0	0	42
TOT	0	95	0	0	0	0	95

	2006	2007	2008	2009	2010	2011	Total
POSITIONS REALIGNED							
Off	1	0	0	0	0	0	1
Enl	126	37	0	0	0	0	163
Stu	0	0	0	0	0	0	0
Civ	0	200	0	0	0	0	200
TOT	127	237	0	0	0	0	364

Summary:

Screen 1:

Scenario description:
 Realign SIMA NORFOLK VA by relocating intermediate ship maintenance function to NAVSHIPYD NORFOLK VA.

Department :
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Costs in 2005 Constant Dollars (\$K)								
	2006	2007	2008	2009	2010	2011	Total	Beyond
	----	----	----	----	----	----	-----	-----
Mil Con	7,895	0	0	0	0	0	7,895	0
Person	0	1,312	0	0	0	0	1,312	0
Overhd	351	497	355	355	355	355	2,267	355
Moving	0	819	0	0	0	0	819	0
Misssio	0	0	0	0	0	0	0	0
Other	302	495	325	325	325	325	2,096	325
TOTAL	8,548	3,123	680	680	680	680	14,391	680

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	0	3,946	7,569	7,569	7,569	7,569	34,221	7,569
Overhd	347	1,328	1,328	1,328	1,328	1,328	6,989	1,328
Moving	0	0	0	0	0	0	0	0
Misssio	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
TOTAL	347	5,275	8,897	8,897	8,897	8,897	41,211	8,897

COBRA PERSONNEL/SF/SUSTAINMENT/RECAP/BOS DELTAS REPORT (COBRA v6.10)
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Department :
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 Option Pkg Name: SR-1(0024)
 Std Fctrs File : C:\Work_Data\BRAC\COBRA\BRAC2005.SFF

Base	Personnel			
	Start*	Finish*	Change	%Change
NAVSTA NORFOLK	56,078	55,619	-459	-1%
NSY NORFOLK	10,923	11,287	364	3%
TOTAL	67,001	66,906	-95	0%

Base	Square Footage				Chg/Per
	Start	Finish	Change	%Change	
NAVSTA NORFOLK	20,726,501	20,682,701	-43,800	0%	95
NSY NORFOLK	7,568,916	7,568,916	0	0%	0
TOTAL	28,295,417	28,251,617	-43,800	0%	461

Base	Base Operations Support (2005\$)				Chg/Per
	Start*	Finish*	Change	%Change	
NAVSTA NORFOLK	134,910,154	133,956,850	-953,304	-1%	2,077
NSY NORFOLK	15,025,093	15,301,284	276,191	2%	759
TOTAL	149,935,247	149,258,134	-677,113	0%	7,127

Base	Sustainment (2005\$)				Chg/Per
	Start	Finish	Change	%Change	
NAVSTA NORFOLK	98,393,701	98,185,772	-207,929	0%	453
NSY NORFOLK	32,393,288	32,402,810	9,522	0%	26
TOTAL	130,786,989	130,588,582	-198,407	0%	2,088

Base	Recapitalization (2005\$)				Chg/Per
	Start	Finish	Change	%Change	
NAVSTA NORFOLK	44,475,137	44,381,150	-93,986	0%	205
NSY NORFOLK	16,526,637	16,595,896	69,259	0%	190
TOTAL	61,001,774	60,977,047	-24,727	0%	260

Base	Sustain + Recap + BOS (2005\$)				Chg/Per
	Start	Finish	Change	%Change	
NAVSTA NORFOLK	277,778,992	276,523,772	-1,255,219	0%	2,735
NSY NORFOLK	63,945,018	64,299,991	354,972	1%	975
TOTAL	341,724,010	340,823,763	-900,247	0%	9,476

Base	Plant Replacement Value (2005\$)				Chg/Per
	Start	Finish	Change	%Change	
NAVSTA NORFOLK	5,070,165,608	5,059,451,148	-10,714,459	0%	23,343
NSY NORFOLK	1,884,036,614	1,891,932,194	7,895,580	0%	21,691
TOTAL	6,954,202,222	6,951,383,342	-2,818,879	0%	29,672

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* "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.

TOTAL COBRA REALIGNMENT DETAIL REPORT (COBRA v6.10) - Page 1/9
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ONE-TIME COSTS -----(\$K)-----	2006 ----	2007 ----	2008 ----	2009 ----	2010 ----	2011 ----	Total -----
CONSTRUCTION							
MILCON	7,895	0	0	0	0	0	7,895
O&M							
CIV SALARY							
Civ RIF	0	976	0	0	0	0	976
Civ Retire	0	36	0	0	0	0	36
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	319	0	0	0	0	319
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	76	0	0	0	0	76
OTHER							
Info Tech	0	500	0	0	0	0	500
Prog Manage	170	127	0	0	0	0	297
Supt Contract	0	0	0	0	0	0	0
Mothball	5	14	0	0	0	0	20
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	225	0	0	0	0	225
OTHER							
HAP / RSE	0	170	0	0	0	0	170
Environmental	0	0	0	0	0	0	0
Msn Contract	0	0	0	0	0	0	0
1-Time Other	50	0	0	0	0	0	50
TOTAL ONE-TIME	8,121	2,443	0	0	0	0	10,564

TOTAL COBRA REALIGNMENT DETAIL REPORT (COBRA v6.10) - Page 2/9
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RECURRING COSTS -----(\$K)-----	2006	2007	2008	2009	2010	2011	Total	Beyond
O&M								
Sustainment	9	9	9	9	9	9	57	9
Recap	69	69	69	69	69	69	415	69
BOS	96	276	276	276	276	276	1,477	276
Civ Salary	0	0	0	0	0	0	0	0
TRICARE	252	325	325	325	325	325	1,876	325
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	427	680	680	680	680	680	3,826	680
TOTAL COST	8,548	3,123	680	680	680	680	14,391	680
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	57	208	208	208	208	208	1,097	208
Recap	26	94	94	94	94	94	496	94
BOS	264	953	953	953	953	953	5,030	953
Civ Salary	0	1,396	2,793	2,793	2,793	2,793	12,567	2,793
MIL PERSONNEL								
Off Salary	0	125	250	250	250	250	1,125	250
Enl Salary	0	2,101	4,202	4,202	4,202	4,202	18,910	4,202
House Allow	0	324	324	324	324	324	1,618	324
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission Activ	0	0	0	0	0	0	0	0
Misc Recur	0	73	73	73	73	73	366	73
TOTAL RECUR	347	5,275	8,897	8,897	8,897	8,897	41,211	8,897
TOTAL SAVINGS	347	5,275	8,897	8,897	8,897	8,897	41,211	8,897

TOTAL COBRA REALIGNMENT DETAIL REPORT (COBRA v6.10) - Page 3/9
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ONE-TIME NET	2006	2007	2008	2009	2010	2011	Total	
-----(\$K)-----	----	----	----	----	----	----	-----	
CONSTRUCTION								
MILCON	7,895	0	0	0	0	0	7,895	
O&M								
Civ Retir/RIF	0	1,012	0	0	0	0	1,012	
Civ Moving	0	319	0	0	0	0	319	
Info Tech	0	500	0	0	0	0	500	
Other	175	217	0	0	0	0	393	
MIL PERSONNEL								
Mil Moving	0	225	0	0	0	0	225	
OTHER								
HAP / RSE	0	170	0	0	0	0	170	
Environmental	0	0	0	0	0	0	0	
Mn sn Contract	0	0	0	0	0	0	0	
1-Time Other	50	0	0	0	0	0	50	
TOTAL ONE-TIME	8,121	2,443	0	0	0	0	10,564	
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	-48	-198	-198	-198	-198	-198	-1,040	-198
Recap	43	-25	-25	-25	-25	-25	-80	-25
BOS	-167	-677	-677	-677	-677	-677	-3,553	-677
Civ Salary	0	-1,396	-2,793	-2,793	-2,793	-2,793	-12,567	-2,793
TRICARE	252	325	325	325	325	325	1,876	325
MIL PERSONNEL								
Mil Salary	0	-2,226	-4,452	-4,452	-4,452	-4,452	-20,035	-4,452
House Allow	0	-324	-324	-324	-324	-324	-1,618	-324
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission Activ	0	0	0	0	0	0	0	0
Misc Recur	0	-73	-73	-73	-73	-73	-366	-73
TOTAL RECUR	79	-4,595	-8,217	-8,217	-8,217	-8,217	-37,384	-8,217
TOTAL NET COST	8,200	-2,151	-8,217	-8,217	-8,217	-8,217	-26,820	-8,217

COBRA REALIGNMENT DETAIL REPORT (COBRA v6.10) - Page 4/9
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Base: NAVSTA NORFOLK, VA (N62688)							
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	976	0	0	0	0	976
Civ Retire	0	36	0	0	0	0	36
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	319	0	0	0	0	319
RITA	0	0	0	0	0	0	0
FREIGHT							
Packaging	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	76	0	0	0	0	76
OTHER							
Info Tech	0	0	0	0	0	0	0
Prog Manage	170	127	0	0	0	0	297
Supt Contract	0	0	0	0	0	0	0
Mothball	5	14	0	0	0	0	20
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	225	0	0	0	0	225
OTHER							
HAP / RSE	0	170	0	0	0	0	170
Environmental	0	0	0	0	0	0	0
Mn sn Contract	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0
TOTAL ONE-TIME	175	1,943	0	0	0	0	2,119

Department :
 Scenario File : Z:\Cobra\ShipRepair&Overhaul\SR-1\0024 files\SR-1_(0024)_4-20-05.CBR
 Option Pkg Name: SR-1(0024)
 Std Fctrs File : C:\Work_Data\BRAC\COBRA\BRAC2005.SFF

Base: NAVSTA NORFOLK, VA (N62688)								
RECURRING COSTS	2006	2007	2008	2009	2010	2011	Total	Beyond
-----(\$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
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	0	0	0	0	0	0	0	0
TOTAL COSTS	175	1,943	0	0	0	0	2,119	0
ONE-TIME SAVES	2006	2007	2008	2009	2010	2011	Total	
-----(\$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	2006	2007	2008	2009	2010	2011	Total	Beyond
-----(\$K)-----	----	----	----	----	----	----	-----	-----
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
Sustainment	57	208	208	208	208	208	1,097	208
Recap	26	94	94	94	94	94	496	94
BOS	264	953	953	953	953	953	5,030	953
Civ Salary	0	1,396	2,793	2,793	2,793	2,793	12,567	2,793
MIL PERSONNEL								
Off Salary	0	125	250	250	250	250	1,125	250
Enl Salary	0	2,101	4,202	4,202	4,202	4,202	18,910	4,202
House Allow	0	324	324	324	324	324	1,618	324
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	347	5,201	8,824	8,824	8,824	8,824	40,845	8,824
TOTAL SAVINGS	347	5,201	8,824	8,824	8,824	8,824	40,845	8,824

COBRA REALIGNMENT DETAIL REPORT (COBRA v6.10) - Page 6/9
 Data As Of 4/20/2005 10:41:25 AM, Report Created 4/20/2005 10:41:28 AM

Department :
 Scenario File : Z:\Cobra\ShipRepair&Overhaul\SR-1\0024 files\SR-1_(0024)_4-20-05.CBR
 Option Pkg Name: SR-1(0024)
 Std Fctrs File : C:\Work_Data\BRAC\COBRA\BRAC2005.SFF

Base: NAVSTA NORFOLK, VA (N62688)								
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	0	1,012	0	0	0	0	1,012	
Civ Moving	0	319	0	0	0	0	319	
Info Tech	0	0	0	0	0	0	0	
Other	175	217	0	0	0	0	393	
MIL PERSONNEL								
Mil Moving	0	225	0	0	0	0	225	
OTHER								
HAP / RSE	0	170	0	0	0	0	170	
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	175	1,943	0	0	0	0	2,119	
RECURRING NET								
-----(\$K)-----	2006	2007	2008	2009	2010	2011	Total	Beyond
-----	----	----	----	----	----	----	-----	-----
FAM HOUSE OPS								
O&M	0	0	0	0	0	0	0	0
Sustainment	-57	-208	-208	-208	-208	-208	-1,097	-208
Recap	-26	-94	-94	-94	-94	-94	-496	-94
BOS	-264	-953	-953	-953	-953	-953	-5,030	-953
Civ Salary	0	-1,396	-2,793	-2,793	-2,793	-2,793	-12,567	-2,793
TRICARE	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Salary	0	-2,226	-4,452	-4,452	-4,452	-4,452	-20,035	-4,452
House Allow	0	-324	-324	-324	-324	-324	-1,618	-324
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	-347	-5,201	-8,824	-8,824	-8,824	-8,824	-40,845	-8,824
TOTAL NET COST	-172	-3,258	-8,824	-8,824	-8,824	-8,824	-38,726	-8,824

COBRA REALIGNMENT DETAIL REPORT (COBRA v6.10) - Page 7/9
 Data As Of 4/20/2005 10:41:25 AM, Report Created 4/20/2005 10:41:28 AM

Department :
 Scenario File : Z:\Cobra\ShipRepair&Overhaul\SR-1\0024 files\SR-1_(0024)_4-20-05.CBR
 Option Pkg Name: SR-1(0024)
 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	2006	2007	2008	2009	2010	2011	Total
-----(\$K)-----	----	----	----	----	----	----	-----
CONSTRUCTION							
MILCON	7,895	0	0	0	0	0	7,895
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							
Packaging	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	500	0	0	0	0	500
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
Mn Contract	0	0	0	0	0	0	0
1-Time Other	50	0	0	0	0	0	50
TOTAL ONE-TIME	7,945	500	0	0	0	0	8,445

Department :
 Scenario File : Z:\Cobra\ShipRepair&Overhaul\SR-1\0024 files\SR-1_(0024)_4-20-05.CBR
 Option Pkg Name: SR-1(0024)
 Std Fctrs File : C:\Work_Data\BRAC\COBRA\BRAC2005.SFF

Base: NSY NORFOLK, VA (N00181)

RECURRING COSTS -----(\$K)-----	2006	2007	2008	2009	2010	2011	Total	Beyond
O&M								
Sustainment	9	9	9	9	9	9	57	9
Recap	69	69	69	69	69	69	415	69
BOS	96	276	276	276	276	276	1,477	276
Civ Salary	0	0	0	0	0	0	0	0
TRICARE	252	325	325	325	325	325	1,876	325
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	427	680	680	680	680	680	3,826	680
TOTAL COSTS	8,372	1,180	680	680	680	680	12,272	680
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	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	73	73	73	73	73	366	73
TOTAL RECUR	0	73	73	73	73	73	366	73
TOTAL SAVINGS	0	73	73	73	73	73	366	73

Department :
 Scenario File : Z:\Cobra\ShipRepair&Overhaul\SR-1\0024 files\SR-1_(0024)_4-20-05.CBR
 Option Pkg Name: SR-1(0024)
 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	7,895	0	0	0	0	0	7,895	
O&M								
Civ Retir/RIF	0	0	0	0	0	0	0	
Civ Moving	0	0	0	0	0	0	0	
Info Tech	0	500	0	0	0	0	500	
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	
Mision Contract	0	0	0	0	0	0	0	
1-Time Other	50	0	0	0	0	0	50	
TOTAL ONE-TIME	7,945	500	0	0	0	0	8,445	
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	9	9	9	9	9	9	57	9
Recap	69	69	69	69	69	69	415	69
BOS	96	276	276	276	276	276	1,477	276
Civ Salary	0	0	0	0	0	0	0	0
TRICARE	252	325	325	325	325	325	1,876	325
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	-73	-73	-73	-73	-73	-366	-73
TOTAL RECUR	427	607	607	607	607	607	3,460	607
TOTAL NET COST	8,372	1,107	607	607	607	607	11,906	607

COBRA ECONOMIC IMPACT REPORT (COBRA v6.10)

Data As Of 4/20/2005 10:41:25 AM, Report Created 4/20/2005 10:41:28 AM

Department :
 Scenario File : Z:\Cobra\ShipRepair&Overhaul\SR-1\0024 files\SR-1_(0024)_4-20-05.CBR
 Option Pkg Name: SR-1(0024)
 Std Fctrs File : C:\Work_Data\BRAC\COBRA\BRAC2005.SFF

NAVSTA NORFOLK, VA (N62688)							
	2006	2007	2008	2009	2010	2011	Total
Jobs Gained-Mil	0	0	0	0	0	0	0
Jobs Lost-Mil	127	90	0	0	0	0	217
NET CHANGE-Mil	-127	-90	0	0	0	0	-217
Jobs Gained-Civ	0	0	0	0	0	0	0
Jobs Lost-Civ	0	242	0	0	0	0	242
NET CHANGE-Civ	0	-242	0	0	0	0	-242
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	127	37	0	0	0	0	164
Jobs Lost-Mil	0	0	0	0	0	0	0
NET CHANGE-Mil	127	37	0	0	0	0	164
Jobs Gained-Civ	0	200	0	0	0	0	200
Jobs Lost-Civ	0	0	0	0	0	0	0
NET CHANGE-Civ	0	200	0	0	0	0	200
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 v6.10)

Data As Of 4/20/2005 10:41:25 AM, Report Created 4/20/2005 10:41:28 AM

Department :
Scenario File : Z:\Cobra\ShipRepair&Overhaul\SR-1\0024 files\SR-1_(0024)_4-20-05.CBR
Option Pkg Name: SR-1(0024)
Std Fctrs File : C:\Work_Data\BRAC\COBRA\BRAC2005.SFF

SCENARIO DATA:
No Department was specified for this scenario.

COBRA INPUT DATA REPORT (COBRA v6.10)
 Data As Of 4/20/2005 10:41:25 AM, Report Created 4/20/2005 10:41:28 AM

Department :
 Scenario File : Z:\Cobra\ShipRepair&Overhaul\SR-1\0024 files\SR-1_(0024)_4-20-05.CBR
 Option Pkg Name: SR-1(0024)
 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:
-----	-----
NAVSTA NORFOLK, VA (N62688)	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:
-----	-----	-----
NAVSTA NORFOLK, VA (N62688)	NSY NORFOLK, VA (N00181)	11 mi

INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from NAVSTA NORFOLK, VA (N62688) to NSY NORFOLK, VA (N00181)

	2006	2007	2008	2009	2010	2011
	----	----	----	----	----	----
Officer Positions:	1	0	0	0	0	0
Enlisted Positions:	126	37	0	0	0	0
Civilian Positions:	0	200	0	0	0	0
Student Positions:	0	0	0	0	0	0
NonVeh Mssn 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

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: NAVSTA NORFOLK, VA (N62688)

Total Officer Employees:	4,095	Base Service (for BOS/Sust):	Navy
Total Enlisted Employees:	45,691	Total Sustainment (\$K/Year):	100,299
Total Student Employees:	279	Sustain Payroll (\$K/Year):	1,906
Total Civilian Employees:	6,024	BOS Non-Payroll (\$K/Year):	134,933
Accomp Mil not Receiving BAH:	0.0%	BOS Payroll (\$K/Year):	72,848
Officer Housing Units Avail:	0	Family Housing (\$K/Year):	0
Enlisted Housing Units Avail:	0	Installation PRV(\$K):	5,070,166
Starting Facilities(KSF):	20,726	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:	0.94	Admits	Visits Prescrip
Per Diem Rate (\$/Day):	152	CostFactor 4,	501.00 69.00 25.27
Freight Cost (\$/Ton/Mile):	0.35	Actv MTF	13,800 529,579 362,165
Vehicle Cost (\$/Lft/Mile):	4.84	Actv Purch	414 39,063
Latitude:	36.951160	Retiree	2,901 149,877 215,145
Longitude:	-76.309210	Retiree65+	1,403 70,316 181,240

Department :
 Scenario File : Z:\Cobra\ShipRepair&Overhaul\SR-1\0024 files\SR-1_(0024)_4-20-05.CBR
 Option Pkg Name: SR-1(0024)
 Std Fctrs File : C:\Work_Data\BRAC\COBRA\BRAC2005.SFF

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: NSY NORFOLK, VA (N00181)

Total Officer Employees:	173	Base Service (for BOS/Sust):	Navy
Total Enlisted Employees:	1,173	Total Sustainment(\$K/Year):	36,968
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):	612
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	4,501.00 69.00 28.94
Freight Cost (\$/Ton/Mile):	0.77	Actv MTF	0 12,673 190,582
Vehi cle Cost (\$/Lift/Mile):	4.84	Actv Purch	205 18,931
Latitude:	36.813880	Reti ree	0 24,737 69,024
Longitude:	-76.305190	Reti ree65+	0 345 67,524

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: NAVSTA NORFOLK, VA (N62688)

	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 Mil con Avoindc(\$K):	0	0	0	0	0	0
Procurement Avoindc(\$K):	0	0	0	0	0	0
MTF Closure Action:	None	Fac ShDn(KSF):		44	FH ShDn:	0.000%

Department :
 Scenario File : Z:\Cobra\ShipRepair&Overhaul\SR-1\0024 files\SR-1_(0024)_4-20-05.CBR
 Option Pkg Name: SR-1(0024)
 Std Fctrs File : C:\Work_Data\BRAC\COBRA\BRAC2005.SFF

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: NSY NORFOLK, VA (N00181)	2006	2007	2008	2009	2010	2011
1-Time Unique Cost (\$K):	50	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 Req(\$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	73	73	73	73	73
One-Time IT Costs (\$K):	0	500	0	0	0	0
Construction Schedule(%):	0%	0%	0%	0%	0%	0%
Shutdown Schedule (%):	0%	0%	0%	0%	0%	0%
Misn Mil con 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%

INPUT SCREEN SIX - BASE PERSONNEL INFORMATION

Name: NAVSTA NORFOLK, VA (N62688)	2006	2007	2008	2009	2010	2011
Off Scenario Change:	0	-2	0	0	0	0
Enl Scenario Change:	0	-51	0	0	0	0
Civ Scenario Change:	0	-42	0	0	0	0
Off Prog nonBRAC Change:	-1	-1	0	0	0	0
Enl Prog nonBRAC Change:	0	-1	-8	0	0	0
Civ Prog nonBRAC Change:	0	0	0	0	0	0
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:	0	0	0	0	0	0
Off Prog nonBRAC Change:	56	0	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-1\0024 files\SR-1_(0024)_4-20-05.CBR
 Option Pkg Name: SR-1(0024)
 Std Fctrs File : C:\Work_Data\BRAC\COBRA\BRAC2005.SFF

INPUT SCREEN SEVEN - BASE MILITARY CONSTRUCTION INFORMATION

Name: NSY NORFOLK, VA (N00181)

FAC	UM	New Mil Con	Rehab Mil Con	TotCost(\$K)	FPG Con CF	FPG Sust CF
6100	SF	0	24,000 Red	3,600	138.78	2.52
6100	SF	0	20,000 Red	1,000	138.78	2.52
8521	SY	11,870	0 Default	3,295	45.83	1.07

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 SIOH Rate:	6.00%	
Rehab vs. MilCon (Amber):	29.00%	Discount Rate for NPV/Payback:	2.80%	

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

Department :
Scenario File : Z:\Cobra\ShipRepair&Overhaul\SR-1\0024 files\SR-1_(0024)_4-20-05.CBR
Option Pkg Name: SR-1(0024)
Std Fctrs File : C:\Work_Data\BRAC\COBRA\BRAC2005.SFF

FOOTNOTES FOR SCREEN ONE

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Screen 1:
Scenario description:
Realign SIMA NORFOLK VA by relocating intermediate ship maintenance function to NAVSHIPYD NORFOLK VA.

FOOTNOTES FOR SCREEN THREE

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Screen 3:
From NAVSTA NORFOLK to NSY NORFOLK
Officer Positions:
FY06: 1
Source: IND-0024 Scenario Data Call Worksheet dated 15 Mar 05.
Enlisted Positions:
FY06: 124 increased to 126
124:
Source: IND-0024 Scenario Data Call Worksheet dated 15 Mar 05.
2: Corpsmen assigned as result of DON consolidation effect analysis.
Source: Special Assistant to SECNAV for BRAC Memo dtd 6 Apr 05
FY07: 37
Source: IND-0024 Scenario Data Call Worksheet dated 15 Mar 05.
Civilian Positions:
FY07: 200
Source: IND-0024 Scenario Data Call Worksheet dated 15 Mar 05.

FOOTNOTES FOR SCREEN FIVE

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Screen 5:
NAVSTA NORFOLK
Facilities Shutdown: 43.8
Source: IND-0024 Scenario Data Call Worksheet dated 15 Mar 05.

NSY NORFOLK

One-time Unique Costs:
FY06: \$ 50K
Included costs:
\$ 50K Remove and excess equipment Bldg. 1575
Source: IND-0024 Scenario Data Call Worksheet dated 15 Mar 05, Question 35.
Misc. Recurring Savings:
FY07-FY11: \$ 366K
Included costs per FY:
\$ 73.2K Space available for other Navy use.
Source: IND-0024 Scenario Data Call Worksheet dated 15 Mar 05, Question 40.
One-time IT Costs:
FY07: \$500K
Source: IND-0024 Scenario Data Call Worksheet dated 15 Mar 05, Question 41.

FOOTNOTES FOR SCREEN SIX

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Screen 6:
NAVSTA NORFOLK
Scenario Changes by year:
Officer Positions Elimination
FY07: 2
Source: IND-0024 Scenario Data Call Worksheet dated 15 Mar 05.
Enlisted Positions Elimination

Department :
Scenario File : Z:\Cobra\ShipRepair&Overhaul\SR-1\0024 files\SR-1_(0024)_4-20-05.CBR
Option Pkg Name: SR-1(0024)
Std Fctrs File : C:\Work_Data\BRAC\COBRA\BRAC2005.SFF

FY07: 51
Source: IND-0024 Scenario Data Call Worksheet dated 15 Mar 05.
Civilian Positions Elimination
FY07: 42
Source: IND-0024 Scenario Data Call Worksheet dated 15 Mar 05.

FOOTNOTES FOR SCREEN SEVEN
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Screen 7:

NSY NORFOLK MILCON

Included Construction:

FAC	FAC Description	New MILCON	Rehab Con	Cost	
6100	General Admin Bldg			24,000sf	\$ 3,600K
6100	General Admin Bldg			20,000sf	\$1,000K
8521	Parking Garage	11,870SY			\$3,295.58K

Result of DON consolidation effect analysis.

Source: Special Assistant to SECNAV for BRAC Memo dtd 6 Apr 05.

TOTAL COBRA MILITARY CONSTRUCTION ASSETS REPORT (COBRA v6.10)
 Data As Of 4/20/2005 10:41:25 AM, Report Created 4/20/2005 10:41:28 AM

Department :
 Scenario File : Z:\Cobra\ShipRepair&Overhaul\SR-1\0024 files\SR-1_(0024)_4-20-05.CBR
 Option Pkg Name: SR-1(0024)
 Std Fctrs File : C:\Work_Data\BRAC\COBRA\BRAC2005.SFF

All values in 2005 Constant Dollars

Base Name	Total Mil Con*	Mil con Cost Avoidance	Total Net Costs
NAVSTA NORFOLK	0	0	0
NSY NORFOLK	7,895,580	0	7,895,580
Totals:	7,895,580	0	7,895,580

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

Department :
 Scenario File : Z:\Cobra\ShipRepair&Overhaul\SR-1\0024 files\SR-1_(0024)_4-20-05.CBR
 Option Pkg Name: SR-1(0024)
 Std Fctrs File : C:\Work_Data\BRAC\COBRA\BRAC2005.SFF

MilCon for Base: NSY NORFOLK, VA (N00181)

All values in 2005 Constant Dollars (\$K)

FAC	Title	UM	New Mil Con	New Cost*	Using Rehab	Rehab Type	Rehab Cost*	Total Cost*
6100	General Administrative Building	SF	0	n/a**	24,000	Red	n/a**	3,600
6100	General Administrative Building	SF	0	n/a**	20,000	Red	n/a**	1,000
8521	Vehicle Parking, Surfaced	SY	11,870	n/a**	0	Default	n/a**	3,295
					Total Construction Cost:			7,895
					- Construction Cost Avoid:			0
					Total Net Milcon Cost:			7,895

* All MilCon Costs include Design, Site Preparation, Contingency Planning, and SI0H Costs where applicable.

**No New Milcon / Rehabilitation Cost breakdown is available if Total Cost was entered by the user.

COBRA NET PRESENT VALUES REPORT (COBRA v6.10)

Data As Of 4/20/2005 10:41:25 AM, Report Created 4/20/2005 10:41:28 AM

Department :
 Scenario File : Z:\Cobra\ShipRepair&Overhaul\SR-1\0024 files\SR-1_(0024)_4-20-05.CBR
 Option Pkg Name: SR-1(0024)
 Std Fctrs File : C:\Work_Data\BRAC\COBRA\BRAC2005.SFF

Year	Cost(\$)	Adjusted Cost(\$)	NPV(\$)
2006	8,200,570	8,088,118	8,088,118
2007	-2,151,425	-2,064,128	6,023,990
2008	-8,217,233	-7,669,072	-1,645,082
2009	-8,217,233	-7,460,186	-9,105,268
2010	-8,217,233	-7,256,991	-16,362,259
2011	-8,217,233	-7,059,329	-23,421,588
2012	-8,217,233	-6,867,052	-30,288,640
2013	-8,217,233	-6,680,012	-36,968,652
2014	-8,217,233	-6,498,066	-43,466,718
2015	-8,217,233	-6,321,076	-49,787,793
2016	-8,217,233	-6,148,906	-55,936,700
2017	-8,217,233	-5,981,426	-61,918,126
2018	-8,217,233	-5,818,508	-67,736,634
2019	-8,217,233	-5,660,027	-73,396,662
2020	-8,217,233	-5,505,863	-78,902,525
2021	-8,217,233	-5,355,898	-84,258,423
2022	-8,217,233	-5,210,018	-89,468,441
2023	-8,217,233	-5,068,110	-94,536,551
2024	-8,217,233	-4,930,068	-99,466,620
2025	-8,217,233	-4,795,786	-104,262,406

Department :
 Scenario File : Z:\Cobra\ShipRepair&Overhaul\SR-1\0024 files\SR-1_(0024)_4-20-05.CBR
 Option Pkg Name: SR-1(0024)
 Std Fctrs File : C:\Work_Data\BRAC\COBRA\BRAC2005.SFF

(All values in 2005 Constant Dollars)

Category	Cost	Sub-Total
-----	----	-----
Construction		
Military Construction	7,895,580	
Total - Construction		7,895,580
Personnel		
Civilian RIF	975,770	
Civilian Early Retirement	35,967	
Eliminated Military PCS	224,880	
Unemployment	75,667	
Total - Personnel		1,312,284
Overhead		
Program Management Cost	297,563	
Support Contract Termination	0	
Mothball / Shutdown	19,710	
Total - Overhead		317,273
Moving		
Civilian Moving	0	
Civilian PPP	319,464	
Military Moving	0	
Freight	0	
Information Technologies	500,000	
One-Time Moving Costs	0	
Total - Moving		819,464
Other		
HAP / RSE	169,738	
Environmental Mitigation Costs	0	
Mission Contract Startup and Termination	0	
One-Time Unique Costs	50,000	
Total - Other		219,738

Total One-Time Costs		10,564,339

One-Time Savings		
Military Construction Cost Avoidances	0	
Military Moving	0	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	

Total One-Time Savings		0

Total Net One-Time Costs		10,564,339

Department :
 Scenario File : Z:\Cobra\ShipRepair&Overhaul\SR-1\0024 files\SR-1_(0024)_4-20-05.CBR
 Option Pkg Name: SR-1(0024)
 Std Fctrs File : C:\Work_Data\BRAC\COBRA\BRAC2005.SFF

Base: NAVSTA NORFOLK, VA (N62688)
 (All values in 2005 Constant Dollars)

Category	Cost	Sub-Total
-----	----	-----
Construction		
Military Construction	0	
Total - Construction		0
Personnel		
Civilian RIF	975,770	
Civilian Early Retirement	35,967	
Eliminated Military PCS	224,880	
Unemployment	75,667	
Total - Personnel		1,312,284
Overhead		
Program Management Cost	297,563	
Support Contract Termination	0	
Mothball / Shutdown	19,710	
Total - Overhead		317,273
Moving		
Civilian Moving	0	
Civilian PPP	319,464	
Military Moving	0	
Freight	0	
Information Technologies	0	
One-Time Moving Costs	0	
Total - Moving		319,464
Other		
HAP / RSE	169,738	
Environmental Mitigation Costs	0	
Mission Contract Startup and Termination	0	
One-Time Unique Costs	0	
Total - Other		169,738
-----		-----
Total One-Time Costs		2,118,759
-----		-----
One-Time Savings		
Military Construction Cost Avoidances	0	
Military Moving	0	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	
-----		-----
Total One-Time Savings		0
-----		-----
Total Net One-Time Costs		2,118,759

Department :
 Scenario File : Z:\Cobra\ShipRepair&Overhaul\SR-1\0024 files\SR-1_(0024)_4-20-05.CBR
 Option Pkg Name: SR-1(0024)
 Std Fctrs File : C:\Work_Data\BRAC\COBRA\BRAC2005.SFF

Base: NSY NORFOLK, VA (N00181)
 (All values in 2005 Constant Dollars)

Category	Cost	Sub-Total
-----	----	-----
Construction		
Military Construction	7,895,580	
Total - Construction		7,895,580
Personnel		
Civilian RIF	0	
Civilian Early Retirement	0	
Eliminated Military PCS	0	
Unemployment	0	
Total - Personnel		0
Overhead		
Program Management Cost	0	
Support Contract Termination	0	
Mothball / Shutdown	0	
Total - Overhead		0
Moving		
Civilian Moving	0	
Civilian PPP	0	
Military Moving	0	
Freight	0	
Information Technologies	500,000	
One-Time Moving Costs	0	
Total - Moving		500,000
Other		
HAP / RSE	0	
Environmental Mitigation Costs	0	
Mission Contract Startup and Termination	0	
One-Time Unique Costs	50,000	
Total - Other		50,000

Total One-Time Costs		8,445,580

One-Time Savings		
Military Construction Cost Avoidances	0	
Military Moving	0	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	

Total One-Time Savings		0

Total Net One-Time Costs		8,445,580

COBRA SUSTAINMENT/RECAP/BOS/HOUSING CHANGE REPORT (COBRA v6.10)
 Data As Of 4/20/2005 10:41:25 AM, Report Created 4/20/2005 10:41:28 AM

Department :
 Scenario File : Z:\Cobra\ShipRepair&Overhaul\SR-1\0024 files\SR-1_(0024)_4-20-05.CBR
 Option Pkg Name: SR-1(0024)
 Std Fctrs File : C:\Work_Data\BRAC\COBRA\BRAC2005.SFF

Net Change(\$K)	2006	2007	2008	2009	2010	2011	Total	Beyond
Sustain Change	-48	-198	-198	-198	-198	-198	-1,040	-198
Recap Change	43	-25	-25	-25	-25	-25	-80	-25
BOS Change	-167	-677	-677	-677	-677	-677	-3,553	-677
Housing Change	0	0	0	0	0	0	0	0
TOTAL CHANGES	-172	-900	-900	-900	-900	-900	-4,673	-900

NAVSTA NORFOLK, VA (N62688)								
Net Change(\$K)	2006	2007	2008	2009	2010	2011	Total	Beyond
Sustain Change	-57	-208	-208	-208	-208	-208	-1,097	-208
Recap Change	-26	-94	-94	-94	-94	-94	-496	-94
BOS Change	-264	-953	-953	-953	-953	-953	-5,030	-953
Housing Change	0	0	0	0	0	0	0	0
TOTAL CHANGES	-347	-1,255	-1,255	-1,255	-1,255	-1,255	-6,623	-1,255

NSY NORFOLK, VA (N00181)								
Net Change(\$K)	2006	2007	2008	2009	2010	2011	Total	Beyond
Sustain Change	9	9	9	9	9	9	57	9
Recap Change	69	69	69	69	69	69	415	69
BOS Change	96	276	276	276	276	276	1,477	276
Housing Change	0	0	0	0	0	0	0	0
TOTAL CHANGES	175	355	355	355	355	355	1,950	355

Department :
 Scenario File : Z:\Cobra\ShipRepair&Overhaul\SR-1\0024 files\SR-1_(0024)_4-20-05.CBR
 Option Pkg Name: SR-1(0024)
 Std Fctrs File : C:\Work_Data\BRAC\COBRA\BRAC2005.SFF

	Rate	2006	2007	2008	2009	2010	2011	Total
	----	----	----	----	----	----	----	----
CIVILIAN POSITIONS REALIGNING OUT		0	200	0	0	0	0	200
Early Retirement*	8.10%	0	0	0	0	0	0	0
Regular Retirement*	1.67%	0	0	0	0	0	0	0
Civilian Turnover*	9.16%	0	0	0	0	0	0	0
Civs Not Moving (RIFs)*	6.00%	0	0	0	0	0	0	0
Civilians Moving (the remainder)		0	200	0	0	0	0	200
Civilian Positions Available		0	0	0	0	0	0	0
CIVILIAN POSITIONS ELIMINATED		0	42	0	0	0	0	42
Early Retirement	8.10%	0	3	0	0	0	0	3
Regular Retirement	1.67%	0	1	0	0	0	0	1
Civilian Turnover	9.16%	0	4	0	0	0	0	4
Civs Not Moving (RIFs)*	6.00%	0	3	0	0	0	0	3
Priority Placement#	39.97%	0	17	0	0	0	0	17
Civilians Available to Move		0	14	0	0	0	0	14
Civilians Moving		0	0	0	0	0	0	0
Civilian RIFs (the remainder)		0	14	0	0	0	0	14
CIVILIAN POSITIONS REALIGNING IN		0	200	0	0	0	0	200
Civilians Moving		0	200	0	0	0	0	200
New Civilians Hired		0	0	0	0	0	0	0
Other Civilian Additions		0	0	0	0	0	0	0
TOTAL CIVILIAN EARLY RETIREMENTS		0	3	0	0	0	0	3
TOTAL CIVILIAN RIFS		0	17	0	0	0	0	17
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	17	0	0	0	0	17
TOTAL CIVILIAN NEW HIRES		0	0	0	0	0	0	0

* 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%

Department :
 Scenario File : Z:\Cobra\ShipRepair&Overhaul\SR-1\0024 files\SR-1_(0024)_4-20-05.CBR
 Option Pkg Name: SR-1(0024)
 Std Fctrs File : C:\Work_Data\BRAC\COBRA\BRAC2005.SFF

Base: NAVSTA NORFOLK, VA (N62688)	Rate	2006	2007	2008	2009	2010	2011	Total
CIVILIAN POSITIONS REALIGNING OUT		0	200	0	0	0	0	200
Early Retirement*	8.10%	0	0	0	0	0	0	0
Regular Retirement*	1.67%	0	0	0	0	0	0	0
Civilian Turnover*	9.16%	0	0	0	0	0	0	0
Civs Not Moving (RIFs)*	6.00%	0	0	0	0	0	0	0
Civilians Moving (the remainder)		0	200	0	0	0	0	200
Civilian Positions Available		0	0	0	0	0	0	0
CIVILIAN POSITIONS ELIMINATED		0	42	0	0	0	0	42
Early Retirement	8.10%	0	3	0	0	0	0	3
Regular Retirement	1.67%	0	1	0	0	0	0	1
Civilian Turnover	9.16%	0	4	0	0	0	0	4
Civs Not Moving (RIFs)*	6.00%	0	3	0	0	0	0	3
Priority Placement#	39.97%	0	17	0	0	0	0	17
Civilians Available to Move		0	14	0	0	0	0	14
Civilians Moving		0	0	0	0	0	0	0
Civilian RIFs (the remainder)		0	14	0	0	0	0	14
CIVILIAN POSITIONS REALIGNING IN		0	0	0	0	0	0	0
Civilians Moving		0	0	0	0	0	0	0
New Civilians Hired		0	0	0	0	0	0	0
Other Civilian Additions		0	0	0	0	0	0	0
TOTAL CIVILIAN EARLY RETIREMENTS		0	3	0	0	0	0	3
TOTAL CIVILIAN RIFs		0	17	0	0	0	0	17
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	17	0	0	0	0	17
TOTAL CIVILIAN NEW HIRES		0	0	0	0	0	0	0

* 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%

Department :
 Scenario File : Z:\Cobra\ShipRepair&Overhaul\SR-1\0024 files\SR-1_(0024)_4-20-05.CBR
 Option Pkg Name: SR-1(0024)
 Std Fctrs File : C:\Work_Data\BRAC\COBRA\BRAC2005.SFF

Base: NSY NORFOLK, VA (N00181) Rate	2006	2007	2008	2009	2010	2011	Total
CIVILIAN POSITIONS REALIGNING OUT	0	0	0	0	0	0	0
Early Retirement*	8.10%	0	0	0	0	0	0
Regular Retirement*	1.67%	0	0	0	0	0	0
Civilian Turnover*	9.16%	0	0	0	0	0	0
Civs Not Moving (RIFs)*	6.00%	0	0	0	0	0	0
Civilians Moving (the remainder)		0	0	0	0	0	0
Civilian Positions Available		0	0	0	0	0	0
CIVILIAN POSITIONS ELIMINATED	0	0	0	0	0	0	0
Early Retirement	8.10%	0	0	0	0	0	0
Regular Retirement	1.67%	0	0	0	0	0	0
Civilian Turnover	9.16%	0	0	0	0	0	0
Civs Not Moving (RIFs)*	6.00%	0	0	0	0	0	0
Priority Placement#	39.97%	0	0	0	0	0	0
Civilians Available to Move		0	0	0	0	0	0
Civilians Moving		0	0	0	0	0	0
Civilian RIFs (the remainder)		0	0	0	0	0	0
CIVILIAN POSITIONS REALIGNING IN	0	200	0	0	0	0	200
Civilians Moving		0	200	0	0	0	200
New Civilians Hired		0	0	0	0	0	0
Other Civilian Additions		0	0	0	0	0	0
TOTAL CIVILIAN EARLY RETIREMENTS		0	0	0	0	0	0
TOTAL CIVILIAN RIFs		0	0	0	0	0	0
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	0	0	0	0	0
TOTAL CIVILIAN NEW HIRES		0	0	0	0	0	0

* 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 v6.10)
 Data As Of 4/20/2005 10:41:25 AM, Report Created 4/20/2005 10:41:28 AM

Department :
 Scenario File : Z:\Cobra\ShipRepair&Overhaul\SR-1\0024 files\SR-1_(0024)_4-20-05.CBR
 Option Pkg Name: SR-1(0024)
 Std Fctrs File : C:\Work_Data\BRAC\COBRA\BRAC2005.SFF

Base: NAVSTA NORFOLK, VA (N62688)

Year	Pers Moved Total	In/Added Percent	Mil Con TimePhase	Pers Moved Total	Out/Eliminated Percent	ShutDn TimePhase
2006	0	0.00%	100.00%	127	27.67%	27.67%
2007	0	0.00%	0.00%	332	72.33%	72.33%
2008	0	0.00%	0.00%	0	0.00%	0.00%
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%	459	100.00%	100.00%

Base: NSY NORFOLK, VA (N00181)

Year	Pers Moved Total	In/Added Percent	Mil Con TimePhase	Pers Moved Total	Out/Eliminated Percent	ShutDn TimePhase
2006	127	34.89%	100.00%	0	0.00%	16.67%
2007	237	65.11%	0.00%	0	0.00%	16.67%
2008	0	0.00%	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	364	100.00%	100.00%	0	0.00%	100.00%

COBRA TOTAL PERSONNEL SUMMARY REPORT (COBRA v6.10)
 Data As Of 4/20/2005 10:41:25 AM, Report Created 4/20/2005 10:41:28 AM

Department :
 Scenario File : Z:\Cobra\ShipRepair&Overhaul\SR-1\0024 files\SR-1_(0024)_4-20-05.CBR
 Option Pkg Name: SR-1(0024)
 Std Fctrs File : C:\Work_Data\BRAC\COBRA\BRAC2005.SFF

TOTAL SCENARIO POPULATION (FY 2005):			
Officers	Enlisted	Students	Civilians
4,268	46,864	386	15,045

TOTAL PROGRAMMED INSTALLATION (NON-BRAC) CHANGES, ENTIRE SCENARIO:							
	2006	2007	2008	2009	2010	2011	Total
Officers	55	-1	0	0	0	0	54
Enlisted	158	259	-8	0	0	0	409
Students	0	0	0	0	0	0	0
Civilians	-21	-4	0	0	0	0	-25
TOTAL	192	254	-8	0	0	0	438

TOTAL SCENARIO POPULATION (FY 2005, Prior to BRAC Action):			
Officers	Enlisted	Students	Civilians
4,322	47,273	386	15,020

TOTAL PERSONNEL REALIGNMENTS, ENTIRE SCENARIO):							
	2006	2007	2008	2009	2010	2011	Total
Officers	1	0	0	0	0	0	1
Enlisted	126	37	0	0	0	0	163
Students	0	0	0	0	0	0	0
Civilians	0	200	0	0	0	0	200
TOTAL	127	237	0	0	0	0	364

TOTAL SCENARIO POSITION CHANGES, ENTIRE SCENARIO:							
	2006	2007	2008	2009	2010	2011	Total
Officers	0	-2	0	0	0	0	-2
Enlisted	0	-51	0	0	0	0	-51
Civilians	0	-42	0	0	0	0	-42
TOTAL	0	-95	0	0	0	0	-95

TOTAL SCENARIO POPULATION (After BRAC Action):			
Officers	Enlisted	Students	Civilians
4,320	47,222	386	14,978

Department :
 Scenario File : Z:\Cobra\ShipRepair&Overhaul\SR-1\0024 files\SR-1_(0024)_4-20-05.CBR
 Option Pkg Name: SR-1(0024)
 Std Fctrs File : C:\Work_Data\BRAC\COBRA\BRAC2005.SFF

PERSONNEL SUMMARY FOR: NAVSTA NORFOLK, VA (N62688)

BASE POPULATION (FY 2005):

Officers	Enlisted	Students	Civilians
4,095	45,691	279	6,024

PROGRAMMED INSTALLATION (NON-BRAC) CHANGES FOR: NAVSTA NORFOLK, VA (N62688)

	2006	2007	2008	2009	2010	2011	Total
Officers	-1	-1	0	0	0	0	-2
Enlisted	0	-1	-8	0	0	0	-9
Students	0	0	0	0	0	0	0
Civilians	0	0	0	0	0	0	0
TOTAL	-1	-2	-8	0	0	0	-11

BASE POPULATION (Prior to BRAC Action) FOR: NAVSTA NORFOLK, VA (N62688)

Officers	Enlisted	Students	Civilians
4,093	45,682	279	6,024

PERSONNEL REALIGNMENTS:

To Base: NSY NORFOLK, VA (N00181)

	2006	2007	2008	2009	2010	2011	Total
Officers	1	0	0	0	0	0	1
Enlisted	126	37	0	0	0	0	163
Students	0	0	0	0	0	0	0
Civilians	0	200	0	0	0	0	200
TOTAL	127	237	0	0	0	0	364

TOTAL PERSONNEL REALIGNMENTS (Out of NAVSTA NORFOLK, VA (N62688)):

	2006	2007	2008	2009	2010	2011	Total
Officers	1	0	0	0	0	0	1
Enlisted	126	37	0	0	0	0	163
Students	0	0	0	0	0	0	0
Civilians	0	200	0	0	0	0	200
TOTAL	127	237	0	0	0	0	364

SCENARIO POSITION CHANGES FOR: NAVSTA NORFOLK, VA (N62688)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	-2	0	0	0	0	-2
Enlisted	0	-51	0	0	0	0	-51
Civilians	0	-42	0	0	0	0	-42
TOTAL	0	-95	0	0	0	0	-95

BASE POPULATION (After BRAC Action) FOR: NAVSTA NORFOLK, VA (N62688)

Officers	Enlisted	Students	Civilians
4,090	45,468	279	5,782

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	56	0	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	193	256	0	0	0	0	449

Department :
 Scenario File : Z:\Cobra\ShipRepair&Overhaul\SR-1\0024 files\SR-1_(0024)_4-20-05.CBR
 Option Pkg Name: SR-1(0024)
 Std Fctrs File : C:\Work_Data\BRAC\COBRA\BRAC2005.SFF

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: NAVSTA NORFOLK, VA (N62688)

	2006	2007	2008	2009	2010	2011	Total
Officers	1	0	0	0	0	0	1
Enlisted	126	37	0	0	0	0	163
Students	0	0	0	0	0	0	0
Civilians	0	200	0	0	0	0	200
TOTAL	127	237	0	0	0	0	364

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

	2006	2007	2008	2009	2010	2011	Total
Officers	1	0	0	0	0	0	1
Enlisted	126	37	0	0	0	0	163
Students	0	0	0	0	0	0	0
Civilians	0	200	0	0	0	0	200
TOTAL	127	237	0	0	0	0	364

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

Officers	Enlisted	Students	Civilians
230	1,754	107	9,196

Economic Impact Report

This report depicts the economic impact of the following Scenarios:

IND-0024: NORVA CONSOLIDATION

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

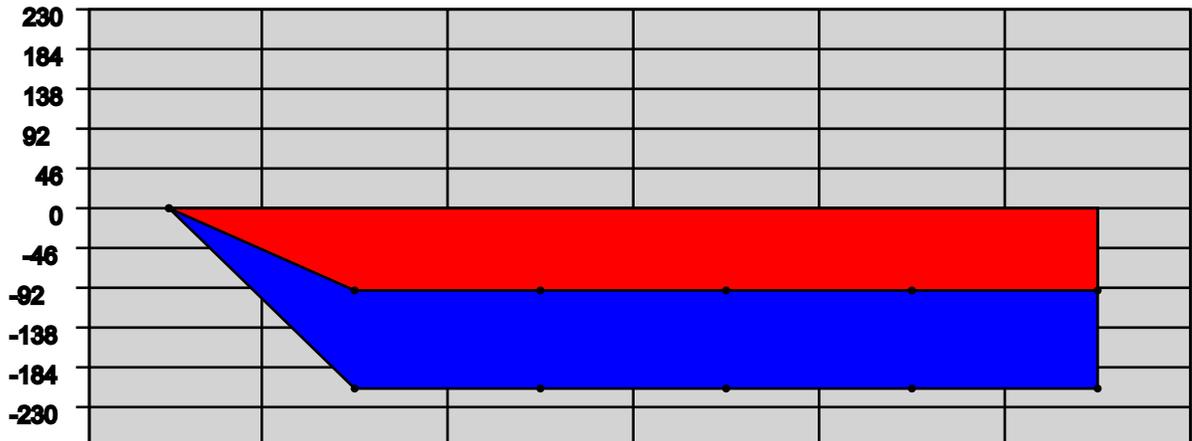
ECONOMIC IMPACT DATA

Scenario: All Selected (see title page)
Economic Region of Influence(ROI): 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):	66,563
Authorized Manpower(2005) / ROI Employment(2002):	6.8%
Total Estimated Job Change:	-209
Total Estimated Job Change / ROI Employment(2002):	-0.02%

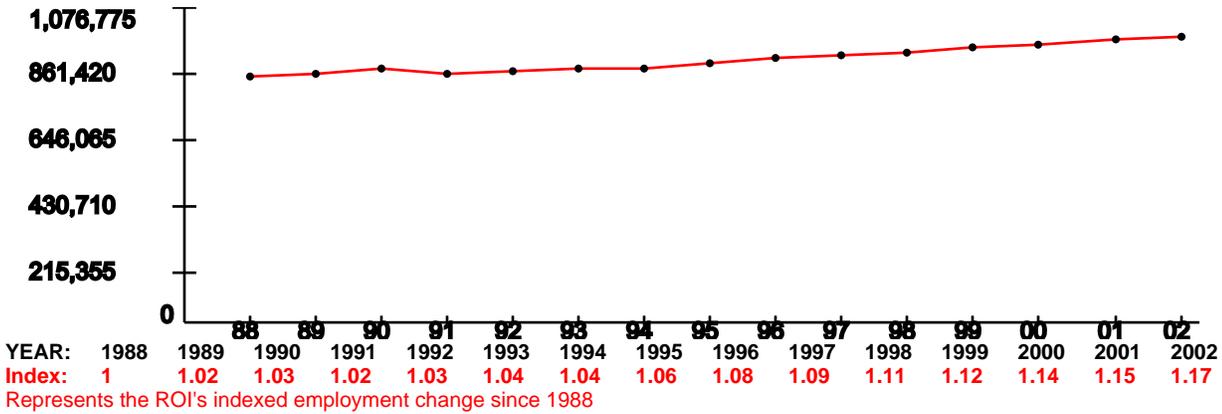
Cumulative Job Change (Gain/Loss) Over Time:



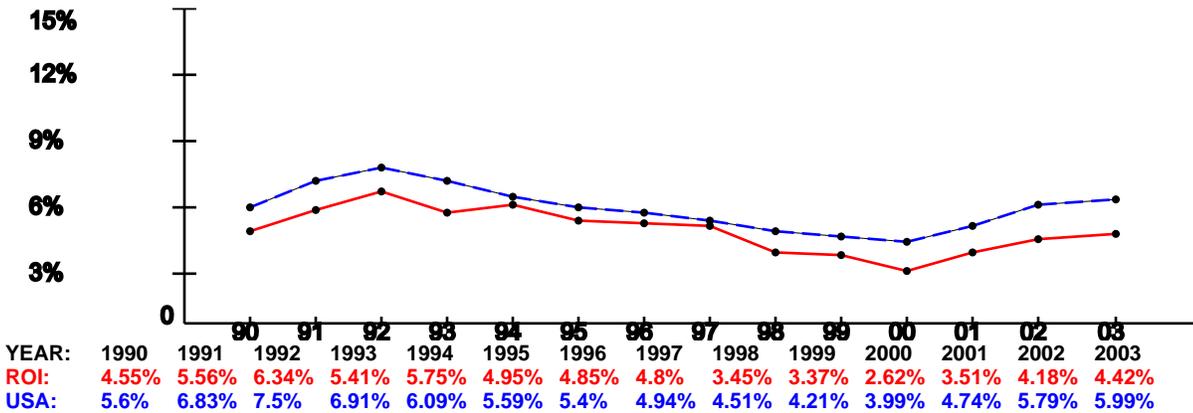
YEAR:	2006	2007	2008	2009	2010	2011
Direct Military:	0	-53	0	0	0	0
Direct Civilian:	0	-42	0	0	0	0
Direct Student:	0	0	0	0	0	0
Direct Contractor:	0	0	0	0	0	0
Cumulative Direct:	0	-95	-95	-95	-95	-95
Cum Indlr/Induc:	0	-114	-114	-114	-114	-114
Cumulative Total:	0	-209	-209	-209	-209	-209

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

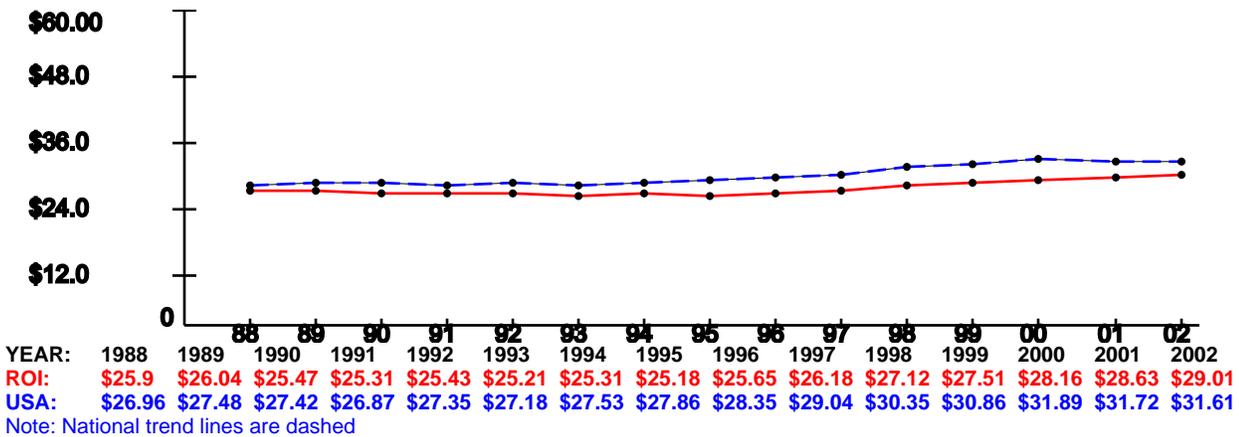
Employment Trend (1988-2002)



Unemployment Percentage Trend (1990-2003)



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



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

NAVSTA_NORFOLK_VA, VA

Demographics

The following tables provide a short description of the area near the installation/activity. NAVSTA_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)	\$110,000	
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	

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

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 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	214,553	5 of 5 districts
Students Enrolled	198,947	5 of 5 districts
Average Pupil/Teacher Ratio	12.7:1	5 of 5 districts
High School Students Enrolled	55,928	5 of 5 districts
Average High School Graduation Rate (US Avg 67.3%)	79.8%	5 of 5 districts
Average Composite SAT I Score (US Avg 1026)	968	5 of 5 districts
Average ACT Score (US Avg 20.8)	20	5 of 5 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%

**DRAFT DELIBERATIVE DOCUMENT - FOR DISCUSSION PURPOSES ONLY - NOT
RELEASABLE UNDER FOIA**

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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%	1.3%	1.1%	1.7%	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 NAVSTA_NORFOLK_VA to nearest commercial airport: 8.0 miles
Is NAVSTA_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

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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):

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Total	1,090,283

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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:

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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%	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	

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Safety/Crime

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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



DEPARTMENT OF THE NAVY

OFFICE OF THE SECRETARY
1000 NAVY PENTAGON
WASHINGTON, DC 20350-1000

12 Jan 05

MEMORANDUM FOR CHAIR, INDUSTRIAL JOINT CROSS SERVICE GROUP

Subj: REQUEST FOR SUMMARY OF SCENARIO ENVIRONMENTAL IMPACTS (SSEIs)

Ref: (a) IND JCSG ltr of 28 Dec 04 Re: IND-0019/DON-0002
(b) IND JCSG ltr of 28 Dec 04 Re: IND-0030/DON-0032
(c) IND JCSG ltr of 28 Dec 04 Re: IND-0037/DON-0033
(d) IND JCSG ltr of 28 Dec 04 Re: IND-0024
(e) IND JCSG ltr of 29 Dec 04 Re: IND-0083(3), 87, 88, 90, 127
(f) IND JCSG ltr of 29 Dec 04 Re: IND-0103, 104, 123, 124, 125, 126

Encl: (1) SSEI for DON-0002/IND-0019
(2) SSEI for DON-0032/IND-0030
(3) SSEI for DON-0033/IND-0037
(4) SSEI for IND-0024
(5) SSEI for IND-0083
(6) SSEI for IND-0087
(7) SSEI for IND-0088
(8) SSEI for IND-0090
(9) SSEI for IND-0103
(10) SSEI for IND-0104
(11) SSEI for IND-0123
(12) SSEI for IND-0124
(13) SSEI for IND-0125
(14) SSEI for IND-0126
(15) SSEI for IND-0127

Per Memorandum, Acting Under Secretary of Defense (Acquisition, Technology & Logistics) and Chairman, Infrastructure Steering Group, dated December 7, 2004, Subject: Transformation Through Base Realignment and Closure (BRAC 2005) Policy Memorandum Four-Selection Criteria 7 and 8 and your requests, references (a) through (f), enclosures (1) through (15) are provided. IND-0084, 0086, 0089 mentioned in reference (e) do not involve Department of the Navy assets therefore no SSEIs are provided in this submittal. The DON SSEIs provided are for those that we anticipate will move forward as candidate recommendations, therefore the Industrial enabling scenarios for these are still viable. SSEIs for the other enabling scenarios will not be forwarded until it is determined that their parent DON scenario will move forward. We have been advised that the SSEIs for IND-0054 and IND-0057 are not required because IND-0055 and IND-0056, which were provided yesterday, are the viable scenarios of that series.

These documents were compiled by our environmental staff based on certified data for the Department of the Navy installations involved in the scenarios. The data continues to be reviewed and

Subj: REQUEST FOR SUMMARY OF SCENARIO ENVIRONMENTAL IMPACTS (SSEIs)

refreshed. If we discover changes, which alter our environmental analysis, we will notify you accordingly. If you have any questions or require any additional information, please feel free to contact my point of contact CDR Margy Carlson JAGC, USN at (703) 602-6528.



Anne Rathmell Davis
Special Assistant to the Secretary of the Navy
for Base Realignment and Closure

Summary of Scenario Environmental Impacts

IND-0024

Action 1: Consolidate SIMA NORFOLK with NAVSHIPYD NORFOLK VA.

ASSUMPTIONS: This scenario data call consolidates all ship repair functions in the Tidewater Region with Norfolk Naval Shipyard to reduce unused excess capacity.

(This was the only action listed in the scenario data call released for IND-0024)

General Environmental Impacts

Environmental Resource Area	Naval Station Norfolk, VA (Realigned Installations)	Naval Shipyard Norfolk, VA (Gaining Installation)
Air Quality	No impact.	No impact.
Cultural/ Archeological/ Tribal Resources	No impact.	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.
Dredging	No impact.	No impact.
Land Use Constraints/Sensitive Resource Areas ESQD arcs	No impact.	No impact.
Marine Mammals/Marine Resources/ Marine Sanctuaries	Alleviates impacts to marine mammals.	No impact.
Noise	No impact.	No impact.
Threatened& Endangered Species/Critical Habitat	No impact.	No impact.
Waste Management	No impact.	No impact.

Water Resources	No impact.	No impact.
Wetlands	No impact.	No impact.

Impacts of Costs

Selection Criterion 8 Environmental Points	Naval Station Norfolk, VA (Realigned Installations)	Naval Shipyard Norfolk, VA (Gaining Installation)
Environmental Restoration	Installation reports \$85.9 M spent through FY 03 with \$24.3 M CTC (FY 04 to Completion)	Installation reports \$1.4 M spent through FY 03 with \$5.7 M CTC (FY 04 to Completion)
Waste Management	None	None
Environmental Compliance	None	None

INSTALLATION ENVIRONMENTAL PROFILE
NAVAL STATION 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 STATION NORFOLK, VA is in Maintenance for 1 Hour Ozone. NAVAL STATION NORFOLK, VA is in an area projected or proposed to be designated nonattainment for the 8-hour Ozone or the PM_{2.5} NAAQS. It is in Attainment for all other Criteria Pollutants. It holds 7 CAA Major Operating Permits. It holds a CAA Synthetic 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 NORFOLK, VA. There is a programmatic agreement for historic property in place with the SHPO. It has sites with high archeological potential identified, which restrict current construction and current operations. The installation has potential archeological restrictions to future construction.

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 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 STATION NORFOLK, VA reports that 226 unconstrained acres are available for development out of 3384 total acres. NAVAL STATION NORFOLK, VA has spent \$106.4M thru FY03 for environmental restoration, and has estimated the remaining Cost to Complete at \$43M. It has operations restricted by electromagnetic radiation interference. NAVAL STATION NORFOLK, VA has Explosive Safety Quantity Distance Arcs, some of which require safety waivers, and some 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 STATION 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 STATION NORFOLK, VA has noise contours that extend off the installation's property. Of the 4005 acres that extend to off-base property, 808 acres have incompatible land uses. It has published noise abatement procedures for the main installation. It does not have published noise abatement procedures for the auxiliary airfield.

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 NORFOLK, VA reported that federally-listed TES are not present, candidate species are not present, critical habitat is not present, and that NAVAL STATION 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 STATION NORFOLK, VA has a permitted RCRA Treatment Storage and Disposal Facility (TSDF) that accepts off-site waste. NAVAL STATION NORFOLK, VA does not have an interim or final RCRA Part X facility . NAVAL STATION 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 STATION NORFOLK, VA discharges to an impaired waterway. Groundwater contamination is reported. Surface water contamination is 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 STATION NORFOLK, VA has 8.8% wetland restricted acres on the military installation.

TENANT ACTIVITIES
NAVPERSDEVCOM NORFOLK, VA
PWC NORFOLK, VA
COMMANDER, NAVY SAFETY CENTER, NORFOLK, VA
NAVY REGION MIDATLANTIC, VA
NCTAMS LANT NORFOLK VA
NOLSC NORFOLK, VA
SUBTRAFAC NORFOLK, VA
NAVAL STATION NORFOLK, VA
CENNAENGINEERING NORFOLK, VA
COMNAVAIRLANT NORFOLK VA

TENANT ACTIVITIES
NAVOSHENVTRACEN NORFOLK, VA
COMHELTACWINGLANT NORFOLK VA
SIMA NORFOLK VA
NAVAL LEGAL SERVICE OFFICE MID ATLANTIC NORFOLK
NAVLANTMETOCCEN NORFOLK VA
FASOTRAGRULANT NORFOLK VA
COMAFLOATRAGRULANT
COMAEWWINGLANT NORFOLK VA
NAVSECGRUACT NORFOLK VA
TRIAL SERVICE OFFICE EAST NORFOLK VA
NDC MID ATLANTIC
COMREGSUPPGRU NORFOLK VA
COMSCLANT NORFOLK, VA
FISC NORFOLK, VA
PERSONNEL SUPPORT ACTIVITY NORFOLK VA
SSC NORFOLK, VA
NAVAIRES NORFOLK, VA
NAMTRAU NORFOLK, VA
FTSCLANT NORFOLK VA
FLETRACEN NORFOLK, VA

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):

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- 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