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# CLOSE HOLD

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## TECH 0031 Sea Vehicle Development & Acquisition



Technical Joint  
Cross-Service  
Group

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March 11, 2005

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# #Tech-0031: Consolidate Sea Vehicle D&A

**Candidate Recommendation:** Realign Detroit Arsenal, MI, by relocating Sea Vehicle Development and Acquisition to Naval Surface Warfare Center Carderock Division, Bethesda, MD, and Program Management and Direction of Sea Vehicle Development and Acquisition to Naval Sea Systems Command Washington Navy Yard, DC.

<p style="text-align: center;"><b><u>Justification</u></b></p> <ul style="list-style-type: none"> <li>▪ Provide greater synergy across Sea Vehicle D&amp;A</li> <li>▪ Reduce potential duplicative efforts</li> <li>▪ Provide consolidated centers of mass for Sea Vehicles D&amp;A</li> <li>▪ Increase effectiveness and efficiencies</li> <li>▪ Collocates Army Detroit Arsenal Sea Vehicle efforts with large concentration of Navy Sea Vehicle knowledge base in D&amp;A</li> </ul>	<p style="text-align: center;"><b><u>Military Value (MV)</u></b></p> <ul style="list-style-type: none"> <li>▪ Quantitative Military Value             <ul style="list-style-type: none"> <li>• NSWC Carderock, 1<sup>st</sup></li> <li>• NAVSEA SYSCOM, Washington Navy Yard, 3rd</li> <li>• Detroit Arsenal, 10th</li> </ul> </li> <li>▪ Detroit Arsenal's quantitative Military Value and response to scenario data call is consistent with the recommendation to realign to locations with higher quantitative Military Value.</li> </ul>
<p style="text-align: center;"><b><u>Payback</u></b></p> <ul style="list-style-type: none"> <li>▪ One-time cost: \$1.717M</li> <li>▪ Net implementation cost: \$0.396M</li> <li>▪ Annual recurring savings: \$0.223M</li> <li>▪ Payback time: 8 years</li> <li>▪ NPV (savings): \$1.619M</li> </ul>	<p style="text-align: center;"><b><u>Impacts</u></b></p> <ul style="list-style-type: none"> <li>▪ Criterion 6: -55 jobs (35 direct, 20 indirect); &lt;0.1%</li> <li>▪ Criterion 7: No issues</li> <li>▪ Criterion 8: No impediments</li> </ul>

- ✓ Strategy
- ✓ COBRA

- ✓ Capacity Analysis / Data Verification
- ✓ Military Value Analysis / Data Verification

- ✓ JCSG/MilDep Recommended
- ✓ Criteria 6-8 Analysis

- ✓ De-conflicted w/JCSGs
- ✓ De-conflicted w/MilDeps

## Candidate Recommendation TECH-0031

**Candidate Recommendation:** Realign Detroit Arsenal, MI, by relocating Sea Vehicle Development and Acquisition to Naval Surface Warfare Center Carderock Division, Bethesda, MD, and Program Management and Direction of Sea Vehicle Development and Acquisition to Naval Sea Systems Command, Washington Navy Yard, DC.

**Justification:** This recommendation consolidates program management of Sea Vehicle Development and Acquisition (D&A) at two principal sites; the Naval Sea Systems Command (NAVSEASYS COM) at the Washington Navy Yard (WNY), DC, and the Naval Surface Warfare Center (NSWC) Carderock Division, Bethesda MD.

The consolidation and co-location leverages existing concentration of research, design and development, and acquisition support capabilities residing within the US Navy Headquarters and Warfare Center R, D&A infrastructure. Program management for D&A will be at the Naval Sea Systems Command, Washington Navy Yard. In support of joint and transformational initiatives, this recommendation relocates management and direction of Theater Support Vessels (TSV) and other Sea Vehicle/Watercraft programs for US Army to the Naval Sea Systems Command, Washington Navy Yard. Consolidation of all program management of Sea Vehicle Programs at the Naval Sea Systems Command, Washington Navy Yard collocates these functions and aligns with related program offices supporting Sea Vehicle Weapons and Combat systems, Hull Mechanical and Electrical, C4I integration and related sea vehicle equipment and support functions. This also places it nearby the principal technical direction and development agent for sea vehicles located at Naval Surface Warfare Center Carderock Division in Bethesda, MD. This recommendation is consistent with the existing partnership collaboration between the USA and the USN on Theater Support Vessels as reflected in a Memorandum of Understanding between the US Army Program Executive Office (PEO) for Combat Support and Combat Service Support (PEO CS & CSS) and the US Navy PEO for Ships Systems.

The recommendation will enhance synergy by consolidating Sea Vehicle functions to major sites, preserve healthy competition, leverage existing infrastructure, minimize environmental impact, and effect reasonable homeland security risk dispersal. The recommendation will increase efficiency by making a robust acquisition organization available to all DoD Sea Vehicle and watercraft program requirements and will increase efficiency by reducing overall manpower requirements.

**Payback:** The total estimated one-time cost to the Department of Defense to implement this recommendation is \$1.717 Million. The net of all costs and savings to the Department during the implementation period is a cost of \$396K. Annual recurring savings to the Department after implementation are \$223K with a payback expected in eight (8) years. The net present value of the costs and savings to the Department over 20 years is a savings of \$1.619 Million.

**Impacts:**

**Economic Impact on Communities:** Assuming no economic recovery, this recommendation could result in a maximum potential reduction of 55 jobs (35 direct jobs and 20 indirect jobs) over the 2006-2011 period in the Detroit-Livonia-Dearborn, MI Metropolitan Division, which is less than 0.1 percent of economic area employment.

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

**Environmental Impacts:** Both NSWC Carderock and Washington Navy Yard are not in attainment for all criteria pollutants and in severe non-attainment for Ozone (1hr.). Carderock has 5 and Washington Navy Yard has 0 unconstrained acres available for development. Both installations also discharge to impaired waterways and groundwater contamination has been found. NSWC Carderock also has 7% restricted wetlands on the auxiliary field. This recommendation has no impact on cultural, archeological, or tribal resources; dredging; marine mammals resources or sanctuaries; noise; threatened and endangered species, or critical habitat; or waste management. This recommendation will require National Environmental Policy Act documentation at the receiving locations and waste management costs at Carderock. The approximately \$288K cost for these actions was included in the payback calculation. This recommendation does not otherwise impact the costs of environmental restoration, waste management, and environmental compliance activities.

## **Supporting Information**

### Conflicts:

There are no known conflicts with this candidate recommendation.

### Force Structure Capabilities:

This recommendation supports projected Force Structure needs as stipulated for the BRAC process. Future Sea Vehicle transformation and technology efforts will require a very new and different approach than traditional methods. This will be driven by an increased emphasis on Littoral and Network Centric Warfare, reconfigurable multi-mission modularity, high-speed maneuverability and sealift, stealth, application of future technologies such as electric drive propulsion, directed energy and composite materials and insensitive munitions in support of force projection requirements as stated in Joint Vision 2020, Sea Power 21 and Joint Sea Basing initiatives. These will require a robust and highly integrated infrastructure to support future Sea Vehicle war fighting needs in support of Sea Strike and Sea Shield. Highly integrated systems and human systems integration are required to successfully achieve future manpower reductions and distance support requirements to globally support deployed forces, both at sea and ashore, and in support of Homeland Security requirements.

### Military Value Analysis Results:

Military value scores support the actions of this candidate recommendation. In Development & Acquisition (D&A), the Naval Surface Warfare Center (NSWC) Carderock Division, Bethesda, MD and the Naval Sea Systems Command, Washington Navy Yard (WNY), Washington, DC ranked 1<sup>st</sup> and 3<sup>rd</sup> in quantitative military value. US Army Detroit Arsenal reported military value is significantly less than the receiving locations. The Army Theater Support Vessel and other watercraft programs that currently reside at Detroit Arsenal activities, represent Sea Vehicle technology area efforts. Given the relatively smaller number of work years in this technology area reported by the Army as compared to the large concentration of Sea Vehicle work efforts at both WNY and NSWC Carderock, the proposed action supports relocation of these efforts to locations and activities with high military value in this Defense Technology Area Plan (DTAP). This recommendation collocates similar functions and technology efforts related to program management and direction of D&A in support of sea vehicle programs yielding greater synergy and leverage of human capital and knowledge resources. Each of the other locations with sea vehicle capacity is a specialty site. Since the specialty of each is unrelated to the sea vehicle work currently at the Detroit Arsenal, none were candidates to receive the work from the Detroit Arsenal.

The following locations with sea vehicle capacity are detachments of NSWC Carderock Division. The detachments exist to be near critical facilities or near operational commands critical to Sea Vehicle D&A:

- NSWC Ship System Engineering Station at Philadelphia, PA, includes very large shore based integrated hull, mechanical and electrical and propulsion system development facilities and infrastructure.
- NAVSURFWARCEN\_CARDEROCKDIV\_Bethesda MD Bayview located at a geologically unique site.
- USN\_2\_Bremerton planned to move to Bangor to collocate with submarine forces.
- USN\_2\_Norfolk collocated with operational forces.

NSWC Coastal Systems Station, a detachment of NSWC Dahlgren Division, located at USN\_2\_Panama City, has a role in highly specialized landing craft air cushion, swimmer delivery systems and unique sea vehicles D&A in support of expeditionary, amphibious assault, special operations and SEAL Team, and mine warfare operational forces. This work is uniquely located in the Gulf of Mexico region proximity to Operational Forces in Central Command (CENTCOM), Special Operations Command (SOCOM), and Commander, Mine Warfare Command (COMINEWARCOM) and is retained in its current location.

The location of USN\_3\_Port Hueneme represents specialized support in the area of underway replenishment (UNREP) for sea vehicles provided by NSWC Port Hueneme Division. This site provides overall development, in-service engineering, and life cycle support for sea vehicle UNREP systems and is host to the only shore-based site for full scale and integrated development of UNREP Systems for Surface Ship programs. Analyses and military judgment indicate it is not economically feasible to relocate this facility and thus should be retained at its current location.

The location of USN\_3\_VABEACH represents the Combat Direction Support Activity, Damn Neck VA that is also a detachment of NSWC Dahlgren Division, Dahlgren VA. This organization supports sea vehicle D&A in support of operational forces in the vicinity of the Virginia Capes and Norfolk fleet operational areas and is to be retained in its current location.

#### Capacity Analysis Results:

The capacity analysis results are compatible with and support the candidate recommendation, which moves units to facilities that have the capacity to host the donating activities.

**Sea Vehicles Development & Acquisition Quantitative Military Value**

<b>Facility Name</b>	<b>MilVal</b>
<b>NAVSURFWARCEN_CARDEROCKDIV_BETHESDA_MD</b>	<b>0.5257</b>
NAVSURFWARCENSHIPSYSSENGSTA_PHILADELPHIA_PA	0.4983
<b>USN_3_WNY (COMNAVDIST_WASHINGTON_DC)</b>	<b>0.4930</b>
USN_2_Panama City	0.2969
NAVSURFWARCEN_CARDEROCKDIV_BETHESDA_MD Bayview	0.1795
USN_2_Bremerton	0.1755
USN_3_Port Hueneme	0.1557
USN_3_VABEACH	0.1405
USN_2_Norfolk	0.1392
<b>Detroit Arsenal</b>	<b>0.1029</b>

23 locations were exempted from consideration as a consequence of a TJCSG decision not to analyze locations with less than 31 full time equivalent work years in a function. It was a military judgment of the TJCSG that the benefit to be derived from consideration of those facilities was far outweighed by the cost of that analysis.

**Technical Capacity of Locations Doing Sea Vehicle Development & Acquisition**

<b>Facility Name</b>	<b>Current Capacity SqFt</b>	<b>Current Usage SqFt</b>	<b>Max Potential Capacity SqFt</b>	<b>Capacity Available to Surge SqFt</b>	<b>Required to Surge SqFt</b>	<b>Excess Capacity SqFt</b>
NAVSURFWARCENSHIPSYSSENGSTA_PHILADELPHIA_PA	710,675	322,727	710,675	387,948	354,999	355,676
<b>USN_3_WNY (COMNAVDIST_WASHINGTON_DC)</b>	<b>288,842</b>	<b>504,247</b>	<b>288,842</b>	<b>(215,404)</b>	<b>554,671</b>	<b>(265,829)</b>
<b>NAVSURFWARCEN_CARDEROCKDIV_BETHESDA_MD</b>	<b>780,811</b>	<b>378,147</b>	<b>780,811</b>	<b>402,665</b>	<b>415,961</b>	<b>364,850</b>
USN_3_VABEACH.	9,710	10,453	9,710	(744)	11,499	(1,789)
USN_2_Norfolk	357	27,367	357	(27,010)	30,103	(29,746)
USN_2_Panama City	282,937	285,446	282,937	(2,510)	313,991	(31,054)
NAVSURFWARCEN_CARDEROCKDIV_BETHESDA_MD Bayview	78,673	21,293	78,673	57,380	23,423	55,250
USN_3_Port Hueneme	368,897	367,235	368,897	1,663	403,958	(35,061)
USN_2_Bremerton	58,535	11,517	58,535	47,019	12,668	45,867
<b>DETROIT ARSENAL</b>	<b>425,784</b>	<b>476,640</b>	<b>425,784</b>	<b>(50,856)</b>	<b>524,304</b>	<b>(98,520)</b>

Department : TJCSG  
 Scenario File : E:\Database\COBRA Database\TECH-0031\Tech0031 Assumptions-2\Tech 31 parts to be added\Detroit\Detroit\_to\_DC\_24FEB2005\_B\_removed 5k\_ detroit\_enviroment.CBR  
 Option Pkg Name: Tech 0031 Move Detroit Sea Vehicles to NDW Carderock  
 Std Fctrs File : E:\Database\COBRA 6.07\BRAC2005.SFF

Starting Year : 2006  
 Final Year : 2006  
 Payback Year : 2014 (8 Years)

NPV in 2025(\$K): -1,619  
 1-Time Cost(\$K): 1,717

Net Costs in 2005 Constant Dollars (\$K)								
	2006	2007	2008	2009	2010	2011	Total	Beyond
	----	----	----	----	----	----	----	-----
MilCon	0	0	0	0	0	0	0	0
Person	-63	-190	-190	-190	-190	-190	-1,012	-190
Overhd	34	-33	-33	-33	-33	-33	-133	-33
Moving	1,253	0	0	0	0	0	1,253	0
Missio	0	0	0	0	0	0	0	0
Other	288	0	0	0	0	0	288	0
<b>TOTAL</b>	<b>1,512</b>	<b>-223</b>	<b>-223</b>	<b>-223</b>	<b>-223</b>	<b>-223</b>	<b>396</b>	<b>-223</b>

	2006	2007	2008	2009	2010	2011	Total	
	----	----	----	----	----	----	----	
<b>POSITIONS ELIMINATED</b>								
Off	0	0	0	0	0	0	0	
Enl	0	0	0	0	0	0	0	
Civ	1	0	0	0	0	0	1	
TOT	1	0	0	0	0	0	1	

<b>POSITIONS REALIGNED</b>								
Off	4	0	0	0	0	0	4	
Enl	0	0	0	0	0	0	0	
Stu	0	0	0	0	0	0	0	
Civ	30	0	0	0	0	0	30	
TOT	34	0	0	0	0	0	34	

Summary:  
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Realign Detroit Arsenal, MI, by relocating Sea Vehicle Research, Development and Acquisition, and Test and Evaluation to Naval Surface Warfare Center Carderock Division, Bethesda, MD, and Program Management and Direction of Sea Vehicle Research, Development and Acquisition, and Test and Evaluation to Naval Sea Systems Command Washington Navy Yard, DC.  
 Split Scenario into two pieces. Activities moving to NSWC Carderock and Port Hueneme moving to Philadelphia

Department : TJCSG  
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Costs in 2005 Constant Dollars (\$K)								
	2006	2007	2008	2009	2010	2011	Total	Beyond
	----	----	----	----	----	----	-----	-----
MilCon	0	0	0	0	0	0	0	0
Person	91	0	0	0	0	0	91	0
Overhd	151	83	83	83	83	83	567	83
Moving	1,269	0	0	0	0	0	1,269	0
Missio	0	0	0	0	0	0	0	0
Other	288	0	0	0	0	0	288	0
<b>TOTAL</b>	<b>1,800</b>	<b>83</b>	<b>83</b>	<b>83</b>	<b>83</b>	<b>83</b>	<b>2,216</b>	<b>83</b>

Savings in 2005 Constant Dollars (\$K)								
	2006	2007	2008	2009	2010	2011	Total	Beyond
	----	----	----	----	----	----	-----	-----
MilCon	0	0	0	0	0	0	0	0
Person	154	190	190	190	190	190	1,103	190
Overhd	117	117	117	117	117	117	701	117
Moving	17	0	0	0	0	0	17	0
Missio	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
<b>TOTAL</b>	<b>288</b>	<b>306</b>	<b>306</b>	<b>306</b>	<b>306</b>	<b>306</b>	<b>1,820</b>	<b>306</b>

TOTAL COBRA ONE-TIME COST REPORT (COBRA v6.07) - Page 1/4

Data As Of 2/25/2005 12:11:02 PM, Report Created 2/25/2005 12:11:09 PM

Department : TJCSG  
 Scenario File : E:\Database\COBRA Database\TECH-0031\Tech0031 Assumptions-2\Tech 31 parts to be added\Detroit\Detroit\_to\_DC\_24FEB2005\_B\_removed 5k\_ detroit\_enviroment.CBR  
 Option Pkg Name: Tech 0031 Move Detroit Sea Vehicles to NDW Carderock  
 Std Fctrs File : E:\Database\COBRA 6.07\BRAC2005.SFF

(All values in 2005 Constant Dollars)

Category	Cost	Sub-Total
-----	----	-----
Construction		
Military Construction	0	
Total - Construction		0
Personnel		
Civilian RIF	61,239	
Civilian Early Retirement	25,582	
Eliminated Military PCS	0	
Unemployment	4,451	
Total - Personnel		91,272
Overhead		
Program Management Cost	67,811	
Support Contract Termination	0	
Mothball / Shutdown	0	
Total - Overhead		67,811
Moving		
Civilian Moving	1,231,529	
Civilian PPP	0	
Military Moving	17,537	
Freight	14,701	
Information Technologies	5,800	
One-Time Moving Costs	0	
Total - Moving		1,269,566
Other		
HAP / RSE	0	
Environmental Mitigation Costs	288,000	
Mission Contract Startup and Termination	0	
One-Time Unique Costs	0	
Total - Other		288,000
-----		
Total One-Time Costs		1,716,649
-----		
One-Time Savings		
Military Construction Cost Avoidances	0	
Military Moving	16,753	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	
-----		
Total One-Time Savings		16,753
-----		
Total Net One-Time Costs		1,699,896

Department : TJCSG  
 Scenario File : E:\Database\COBRA Database\TECH-0031\Tech0031 Assumptions-2\Tech 31 parts to be added\Detroit\Detroit\_to\_DC\_24FEB2005\_B\_removed 5k\_ detroit\_enviroment.CBR  
 Option Pkg Name: Tech 0031 Move Detroit Sea Vehicles to NDW Carderock  
 Std Fctrs File : E:\Database\COBRA 6.07\BRAC2005.SFF

Base: IF NSWC CARDEROCK, MD (NIF005)  
 (All values in 2005 Constant Dollars)

Category	Cost	Sub-Total
-----	----	-----
Construction		
Military Construction	0	
Total - Construction		0
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	0	
One-Time Moving Costs	0	
Total - Moving		0
Other		
HAP / RSE	0	
Environmental Mitigation Costs	288,000	
Mission Contract Startup and Termination	0	
One-Time Unique Costs	0	
Total - Other		288,000
-----		
Total One-Time Costs		288,000
-----		
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		288,000

Department : TJCSG  
 Scenario File : E:\Database\COBRA Database\TECH-0031\Tech0031 Assumptions-2\Tech 31 parts to be added\Detroit\Detroit\_to\_DC\_24FEB2005\_B\_removed 5k\_ detroit\_enviroment.CBR  
 Option Pkg Name: Tech 0031 Move Detroit Sea Vehicles to NDW Carderock  
 Std Fctrs File : E:\Database\COBRA 6.07\BRAC2005.SFF

Base: DETROIT/SELFRIDGE, MI (26221)  
 (All values in 2005 Constant Dollars)

Category	Cost	Sub-Total
-----	----	-----
Construction		
Military Construction	0	
Total - Construction		0
Personnel		
Civilian RIF	61,239	
Civilian Early Retirement	25,582	
Eliminated Military PCS	0	
Unemployment	4,451	
Total - Personnel		91,272
Overhead		
Program Management Cost	67,811	
Support Contract Termination	0	
Mothball / Shutdown	0	
Total - Overhead		67,811
Moving		
Civilian Moving	1,231,529	
Civilian PPP	0	
Military Moving	17,537	
Freight	14,701	
Information Technologies	5,800	
One-Time Moving Costs	0	
Total - Moving		1,269,566
Other		
HAP / RSE	0	
Environmental Mitigation Costs	0	
Mission Contract Startup and Termination	0	
One-Time Unique Costs	0	
Total - Other		0
-----		
Total One-Time Costs		1,428,649
-----		
One-Time Savings		
Military Construction Cost Avoidances	0	
Military Moving	16,753	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	
-----		
Total One-Time Savings		16,753
-----		
Total Net One-Time Costs		1,411,896

Department : TJCSG  
 Scenario File : E:\Database\COBRA Database\TECH-0031\Tech0031 Assumptions-2\Tech 31 parts to be added\Detroit\Detroit\_to\_DC\_24FEB2005\_B\_removed 5k\_ detroit\_enviroment.CBR  
 Option Pkg Name: Tech 0031 Move Detroit Sea Vehicles to NDW Carderock  
 Std Fctrs File : E:\Database\COBRA 6.07\BRAC2005.SFF

Base: COMNAVDIST WASH DC, DC (n00171)  
 (All values in 2005 Constant Dollars)

Category	Cost	Sub-Total
-----	----	-----
Construction		
Military Construction	0	
Total - Construction		0
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	0	
One-Time Moving Costs	0	
Total - Moving		0
Other		
HAP / RSE	0	
Environmental Mitigation Costs	0	
Mission Contract Startup and Termination	0	
One-Time Unique Costs	0	
Total - Other		0
-----		
Total One-Time Costs		0
-----		
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		0

**COBRA PERSONNEL SUMMARY REPORT (COBRA v6.07)**

Data As Of 2/25/2005 12:11:02 PM, Report Created 2/25/2005 12:11:09 PM

Department : TJCSG  
 Scenario File : E:\Database\COBRA Database\TECH-0031\Tech0031 Assumptions-2\Tech 31 parts to be added\Detroit\Detroit\_to\_DC\_24FEB2005\_B\_removed 5k\_detroit\_enviroment.CBR  
 Option Pkg Name: Tech 0031 Move Detroit Sea Vehicles to NDW Carderock  
 Std Fctrs File : E:\Database\COBRA 6.07\BRAC2005.SFF

PERSONNEL SUMMARY FOR: IF NSWC CARDEROCK, MD (NIF005)

BASE POPULATION (FY 2005, Prior to BRAC Action) FOR: IF NSWC CARDEROCK, MD (NIF005)

Officers	Enlisted	Students	Civilians
-----	-----	-----	-----
5	0	0	1,671

PERSONNEL REALIGNMENTS:

From Base: DETROIT/SELFRIDGE, MI (26221)

	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	6	0	0	0	0	0	6
TOTAL	6	0	0	0	0	0	6

TOTAL PERSONNEL REALIGNMENTS (Into IF NSWC CARDEROCK, MD (NIF005)):

	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	6	0	0	0	0	0	6
TOTAL	6	0	0	0	0	0	6

BASE POPULATION (After BRAC Action) FOR: IF NSWC CARDEROCK, MD (NIF005)

Officers	Enlisted	Students	Civilians
-----	-----	-----	-----
5	0	0	1,677

PERSONNEL SUMMARY FOR: DETROIT/SELFRIDGE, MI (26221)

BASE POPULATION (FY 2005):

Officers	Enlisted	Students	Civilians
-----	-----	-----	-----
97	29	0	3,430

PROGRAMMED INSTALLATION (NON-BRAC) CHANGES FOR: DETROIT/SELFRIDGE, MI (26221)

	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	-57	1	0	0	0	0	-56
TOTAL	-57	1	0	0	0	0	-56

BASE POPULATION (Prior to BRAC Action) FOR: DETROIT/SELFRIDGE, MI (26221)

Officers	Enlisted	Students	Civilians
-----	-----	-----	-----
97	29	0	3,374

PERSONNEL REALIGNMENTS:

To Base: IF NSWC CARDEROCK, MD (NIF005)

	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	6	0	0	0	0	0	6
TOTAL	6	0	0	0	0	0	6

Department : TJCSG  
 Scenario File : E:\Database\COBRA Database\TECH-0031\Tech0031 Assumptions-2\Tech 31 parts to be added\Detroit\Detroit\_to\_DC\_24FEB2005\_B\_removed 5k\_detroit\_enviroment.CBR  
 Option Pkg Name: Tech 0031 Move Detroit Sea Vehicles to NDW Carderock  
 Std Fctrs File : E:\Database\COBRA 6.07\BRAC2005.SFF

To Base: COMNAVDIST WASH DC, DC (n00171)

	2006	2007	2008	2009	2010	2011	Total
Officers	4	0	0	0	0	0	4
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	24	0	0	0	0	0	24
TOTAL	28	0	0	0	0	0	28

TOTAL PERSONNEL REALIGNMENTS (Out of DETROIT/SELFRIDGE, MI (26221)):

	2006	2007	2008	2009	2010	2011	Total
Officers	4	0	0	0	0	0	4
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	30	0	0	0	0	0	30
TOTAL	34	0	0	0	0	0	34

SCENARIO POSITION CHANGES FOR: DETROIT/SELFRIDGE, MI (26221)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0
Civilians	-1	0	0	0	0	0	-1
TOTAL	-1	0	0	0	0	0	-1

BASE POPULATION (After BRAC Action) FOR: DETROIT/SELFRIDGE, MI (26221)

Officers	Enlisted	Students	Civilians
93	29	0	3,343

PERSONNEL SUMMARY FOR: COMNAVDIST WASH DC, DC (n00171)

BASE POPULATION (FY 2005):

Officers	Enlisted	Students	Civilians
648	779	0	5,849

PROGRAMMED INSTALLATION (NON-BRAC) CHANGES FOR: COMNAVDIST WASH DC, DC (n00171)

	2006	2007	2008	2009	2010	2011	Total
Officers	-12	-4	-10	-8	0	0	-34
Enlisted	0	-6	-2	0	-1	0	-9
Students	0	0	0	0	0	0	0
Civilians	-38	-40	-5	-5	-5	-5	-98
TOTAL	-50	-50	-17	-13	-6	-5	-141

BASE POPULATION (Prior to BRAC Action) FOR: COMNAVDIST WASH DC, DC (n00171)

Officers	Enlisted	Students	Civilians
614	770	0	5,751

PERSONNEL REALIGNMENTS:  
 From Base: DETROIT/SELFRIDGE, MI (26221)

	2006	2007	2008	2009	2010	2011	Total
Officers	4	0	0	0	0	0	4
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	24	0	0	0	0	0	24
TOTAL	28	0	0	0	0	0	28

Department : TJCSG  
 Scenario File : E:\Database\COBRA Database\TECH-0031\Tech0031 Assumptions-2\Tech 31 parts to be added\Detroit\Detroit\_to\_DC\_24FEB2005\_B\_removed 5k\_ detroit\_enviroment.CBR  
 Option Pkg Name: Tech 0031 Move Detroit Sea Vehicles to NDW Carderock  
 Std Fctrs File : E:\Database\COBRA 6.07\BRAC2005.SFF

TOTAL PERSONNEL REALIGNMENTS (Into COMNAVDIST WASH DC, DC (n00171)):

	2006	2007	2008	2009	2010	2011	Total
Officers	4	0	0	0	0	0	4
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	24	0	0	0	0	0	24
TOTAL	28	0	0	0	0	0	28

BASE POPULATION (After BRAC Action) FOR: COMNAVDIST WASH DC, DC (n00171)

Officers	Enlisted	Students	Civilians
618	770	0	5,775

COBRA ECONOMIC IMPACT REPORT (COBRA v6.07)

Data As Of 2/25/2005 12:11:02 PM, Report Created 2/25/2005 12:11:09 PM

Department : TJCSG  
 Scenario File : E:\Database\COBRA Database\TECH-0031\Tech0031 Assumptions-2\Tech 31 parts to be added\Detroit\Detroit\_to\_DC\_24FEB2005\_B\_removed 5k\_ detroit\_enviroment.CBR  
 Option Pkg Name: Tech 0031 Move Detroit Sea Vehicles to NDW Carderock  
 Std Fctrs File : E:\Database\COBRA 6.07\BRAC2005.SFF

IF NSWC CARDEROCK, MD (NIF005)

	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	6	0	0	0	0	0	6
Jobs Lost-Civ	0	0	0	0	0	0	0
NET CHANGE-Civ	6	0	0	0	0	0	6
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

DETROIT/SELFRIDGE, MI (26221)

	2006	2007	2008	2009	2010	2011	Total
Jobs Gained-Mil	0	0	0	0	0	0	0
Jobs Lost-Mil	4	0	0	0	0	0	4
NET CHANGE-Mil	-4	0	0	0	0	0	-4
Jobs Gained-Civ	0	0	0	0	0	0	0
Jobs Lost-Civ	31	0	0	0	0	0	31
NET CHANGE-Civ	-31	0	0	0	0	0	-31
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

COMNAVDIST WASH DC, DC (n00171)

	2006	2007	2008	2009	2010	2011	Total
Jobs Gained-Mil	4	0	0	0	0	0	4
Jobs Lost-Mil	0	0	0	0	0	0	0
NET CHANGE-Mil	4	0	0	0	0	0	4
Jobs Gained-Civ	24	0	0	0	0	0	24
Jobs Lost-Civ	0	0	0	0	0	0	0
NET CHANGE-Civ	24	0	0	0	0	0	24
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 2/25/2005 12:11:02 PM, Report Created 2/25/2005 12:11:09 PM

Department : TJCSG  
Scenario File : E:\Database\COBRA Database\TECH-0031\Tech0031 Assumptions-2\Tech 31 parts to be added\Detroit\Detroit\_to\_DC\_24FEB2005\_B\_removed 5k\_ detroit\_enviroment.CBR  
Option Pkg Name: Tech 0031 Move Detroit Sea Vehicles to NDW Carderock  
Std Fctrs File : E:\Database\COBRA 6.07\BRAC2005.SFF

SCENARIO DATA:

"TJCSG" is not a recognized Department.

**COBRA INPUT DATA REPORT (COBRA v6.07)**

Data As Of 2/25/2005 12:11:02 PM, Report Created 2/25/2005 12:11:09 PM

Department : TJCSG  
 Scenario File : E:\Database\COBRA Database\TECH-0031\Tech0031 Assumptions-2\Tech 31 parts to be added\Detroit\Detroit\_to\_DC\_24FEB2005\_B\_removed 5k\_ detroit\_enviroment.CBR  
 Option Pkg Name: Tech 0031 Move Detroit Sea Vehicles to NDW Carderock  
 Std Fctrs File : E:\Database\COBRA 6.07\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:
-----	-----
IF NSWC CARDEROCK, MD (NIF005)	Realignment
DETROIT/SELFRIDGE, MI (26221)	Realignment
COMNAVDIST WASH DC, DC (n00171)	Realignment

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

Point A:	Point B:	Distance:
-----	-----	-----
IF NSWC CARDEROCK, MD (NIF005)	DETROIT/SELFRIDGE, MI (26221)	519 mi
DETROIT/SELFRIDGE, MI (26221)	COMNAVDIST WASH DC, DC (n00171)	534 mi

INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from DETROIT/SELFRIDGE, MI (26221) to IF NSWC CARDEROCK, MD (NIF005)

	2006	2007	2008	2009	2010	2011
	----	----	----	----	----	----
Officer Positions:	0	0	0	0	0	0
Enlisted Positions:	0	0	0	0	0	0
Civilian Positions:	6	0	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 DETROIT/SELFRIDGE, MI (26221) to COMNAVDIST WASH DC, DC (n00171)

	2006	2007	2008	2009	2010	2011
	----	----	----	----	----	----
Officer Positions:	4	0	0	0	0	0
Enlisted Positions:	0	0	0	0	0	0
Civilian Positions:	24	0	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

Department : TJCSG  
 Scenario File : E:\Database\COBRA Database\TECH-0031\Tech0031 Assumptions-2\Tech 31 parts to be added\Detroit\Detroit\_to\_DC\_24FEB2005\_B\_removed 5k\_detroit\_enviroment.CBR  
 Option Pkg Name: Tech 0031 Move Detroit Sea Vehicles to NDW Carderock  
 Std Fctrs File : E:\Database\COBRA 6.07\BRAC2005.SFF

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: IF NSWC CARDEROCK, MD (NIF005)

Total Officer Employees:	5	Base Service (for BOS/Sust):	Navy		
Total Enlisted Employees:	0	Total Sustainment(\$K/Year):	6,113		
Total Student Employees:	0	Sustain Payroll (\$K/Year):	2,191		
Total Civilian Employees:	1,671	BOS Non-Payroll (\$K/Year):	2,803		
Accomp Mil not Receiving BAH:	0.0%	BOS Payroll (\$K/Year):	2,343		
Officer Housing Units Avail:	0	Family Housing (\$K/Year):	0		
Enlisted Housing Units Avail:	0	Installation PRV(\$K):	380,217		
Starting Facilities(KSF):	1,850	Svc/Agcy Recap Rate (Years):	114		
Officer BAH (\$/Month):	2,006	Homeowner Assistance Program:	No		
Enlisted BAH (\$/Month):	1,415				
Civ Locality Pay Factor:	1.146	TRICARE	In-Pat	Out-Pat	
Area Cost Factor:	1.02		Admits	Visits	Prescrip
Per Diem Rate (\$/Day):	201	CostFactor	0.00	0.00	0.00
Freight Cost (\$/Ton/Mile):	0.20	Actv MTF	0	20	0
Vehicle Cost (\$/Lift/Mile):	4.84	Actv Purch	27	1,742	
Latitude:	38.999660	Retiree	0	936	0
Longitude:	-77.137240	Retiree65+	0	13	0

Name: DETROIT/SELFRIDGE, MI (26221)

Total Officer Employees:	97	Base Service (for BOS/Sust):	Army		
Total Enlisted Employees:	29	Total Sustainment(\$K/Year):	5,096		
Total Student Employees:	0	Sustain Payroll (\$K/Year):	1,335		
Total Civilian Employees:	3,430	BOS Non-Payroll (\$K/Year):	46,354		
Accomp Mil not Receiving BAH:	0.0%	BOS Payroll (\$K/Year):	22,542		
Officer Housing Units Avail:	0	Family Housing (\$K/Year):	0		
Enlisted Housing Units Avail:	0	Installation PRV(\$K):	413,686		
Starting Facilities(KSF):	1,724	Svc/Agcy Recap Rate (Years):	103		
Officer BAH (\$/Month):	1,441	Homeowner Assistance Program:	No		
Enlisted BAH (\$/Month):	968				
Civ Locality Pay Factor:	1.184	TRICARE	In-Pat	Out-Pat	
Area Cost Factor:	1.15		Admits	Visits	Prescrip
Per Diem Rate (\$/Day):	161	CostFactor	0.00	0.00	0.00
Freight Cost (\$/Ton/Mile):	0.33	Actv MTF	0	0	0
Vehicle Cost (\$/Lift/Mile):	4.84	Actv Purch	0	0	
Latitude:	42.500000	Retiree	0	0	0
Longitude:	-83.400000	Retiree65+	0	157	0

Department : TJCSG  
 Scenario File : E:\Database\COBRA Database\TECH-0031\Tech0031 Assumptions-2\Tech 31 parts to be added\Detroit\Detroit\_to\_DC\_24FEB2005\_B\_removed 5k\_detroit\_enviroment.CBR  
 Option Pkg Name: Tech 0031 Move Detroit Sea Vehicles to NDW Carderock  
 Std Fctrs File : E:\Database\COBRA 6.07\BRAC2005.SFF

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: COMNAVDIST WASH DC, DC (n00171)

Total Officer Employees:	648	Base Service (for BOS/Sust):	Navy		
Total Enlisted Employees:	779	Total Sustainment(\$K/Year):	12,906		
Total Student Employees:	0	Sustain Payroll (\$K/Year):	7,773		
Total Civilian Employees:	5,849	BOS Non-Payroll (\$K/Year):	47,122		
Accomp Mil not Receiving BAH:	12.3%	BOS Payroll (\$K/Year):	21,415		
Officer Housing Units Avail:	42	Family Housing (\$K/Year):	22,135		
Enlisted Housing Units Avail:	197	Installation PRV(\$K):	863,435		
Starting Facilities(KSF):	4,185	Svc/Agcy Recap Rate (Years):	114		
Officer BAH (\$/Month):	2,006	Homeowner Assistance Program:	No		
Enlisted BAH (\$/Month):	1,415				
Civ Locality Pay Factor:	1.146	TRICARE	In-Pat	Out-Pat	
Area Cost Factor:	1.02		Admits	Visits	Prescrip
Per Diem Rate (\$/Day):	201	CostFactor	9,936.59	111.51	48.49
Freight Cost (\$/Ton/Mile):	0.42	Actv MTF	0	10,379	13,788
Vehicle Cost (\$/Lift/Mile):	4.84	Actv Purch	92	10,899	
Latitude:	38.900000	Retiree	0	164	745
Longitude:	-77.040000	Retiree65+	0	7	84

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: IF NSWC CARDEROCK, MD (NIF005)

	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-MilCon Reqd(\$K):	288	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 Aavoidnc(\$K):	0	0	0	0	0	0
Procurement Aavoidnc(\$K):	0	0	0	0	0	0
MTF Closure Action:	None	Fac	ShDn(KSF):	0	FH	ShDn: 0.000%

Department : TJCSG  
 Scenario File : E:\Database\COBRA Database\TECH-0031\Tech0031 Assumptions-2\Tech 31 parts to be added\Detroit\Detroit\_to\_DC\_24FEB2005\_B\_removed 5k\_ detroit\_enviroment.CBR  
 Option Pkg Name: Tech 0031 Move Detroit Sea Vehicles to NDW Carderock  
 Std Fctrs File : E:\Database\COBRA 6.07\BRAC2005.SFF

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: DETROIT/SELFRIDGE, MI (26221)	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-MilCon 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: COMNAV DIST WASH DC, DC (n00171)	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-MilCon 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%

Department : TJCSG  
 Scenario File : E:\Database\COBRA Database\TECH-0031\Tech0031 Assumptions-2\Tech 31 parts to be added\Detroit\Detroit\_to\_DC\_24FEB2005\_B\_removed 5k\_detroit\_enviroment.CBR  
 Option Pkg Name: Tech 0031 Move Detroit Sea Vehicles to NDW Carderock  
 Std Fctrs File : E:\Database\COBRA 6.07\BRAC2005.SFF

INPUT SCREEN SIX - BASE PERSONNEL INFORMATION

Name: DETROIT/SELFRIDGE, MI (26221)

	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:	-1	0	0	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:	-57	1	0	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: COMNAVDIST WASH DC, DC (n00171)

	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:	-12	-4	-10	-8	0	0
Enl Prog nonBRAC Change:	0	-6	-2	0	-1	0
Civ Prog nonBRAC Change:	-38	-40	-5	-5	-5	-5
Stu Prog nonBRAC Change:	0	0	0	0	0	0
Prog FH Privatization:	0%	0%	0%	0%	0%	0%

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%		

Department : TJCSG  
 Scenario File : E:\Database\COBRA Database\TECH-0031\Tech0031 Assumptions-2\Tech 31 parts to be added\Detroit\Detroit\_to\_DC\_24FEB2005\_B\_removed 5k\_detroit\_enviroment.CBR  
 Option Pkg Name: Tech 0031 Move Detroit Sea Vehicles to NDW Carderock  
 Std Fctrs File : E:\Database\COBRA 6.07\BRAC2005.SFF

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:		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

Department : TJCSG  
Scenario File : E:\Database\COBRA Database\TECH-0031\Tech0031 Assumptions-2\Tech 31 parts to be added\Detroit\Detroit\_to\_DC\_24FEB2005\_B\_removed 5k\_ detroit\_enviroment.CBR  
Option Pkg Name: Tech 0031 Move Detroit Sea Vehicles to NDW Carderock  
Std Fctrs File : E:\Database\COBRA 6.07\BRAC2005.SFF

FOOTNOTES FOR SCREEN ONE

=====

Realign Detroit Arsenal, MI, by relocating Sea Vehicle Research, Development and Acquisition, and Test and Evaluation to Naval Surface Warfare Center Carderock Division, Bethesda, MD, and Program Management and Direction of Sea Vehicle Research, Development and Acquisition, and Test and Evaluation to Naval Sea Systems Command Washington Navy Yard, DC.  
Split Scenario into two pieces. Activities moving to NSWC Carderock and Port Hueneme moving to Philadelphia

FOOTNOTES FOR SCREEN THREE

=====

Moved personnel in 2008 due to MILCON per TJCSG Policy

Per SDD moved 104 Civilians from Coastal Systems Station to Little Creek, VA  
Moved remaining personnel to Carderock Bethesda

Did not move 8 personnel from Detroit to NAVSEA, they are part of MOA and not part of BRAC.

FOOTNOTES FOR SCREEN FOUR

=====

Updated static data with Navy submission to JPAT for COBRA version 6.05

SqFt 1,416,000  
Total Sustainment 3,929,000  
PRV 255,037,000

FOOTNOTES FOR SCREEN FIVE

=====

Moved SDD establishment of RDT&E facilities from one time costs to MILCON  
Environmental Surveys performed in 06 to support MILCON by 08  
Applied 250K environmental Survey to MILCON in Little Creek  
Applied 38K environmental Survey to MILCON in Carderock Bethesda  
Split the 100K IT costs 50/50 between Little Creek and Bethesda Charged IT costs in 07 to support personnel move in 08 per TJCSG Policy  
Eliminated ALL IT expenses.

FOOTNOTES FOR SCREEN SEVEN

=====

Established 4 facilities listed as 1 time costs as MILCON under "Misc RDT&E Facility"

**COBRA PERSONNEL/SF/SUSTAINMENT/RECAP/BOS DELTAS REPORT (COBRA v6.07)**  
 Data As Of 2/25/2005 12:11:02 PM, Report Created 2/25/2005 12:11:09 PM

Department : TJCSG  
 Scenario File : E:\Database\COBRA Database\TECH-0031\Tech0031 Assumptions-2\Tech 31 parts to be added\Detroit\Detroit\_to\_DC\_24FEB2005\_B\_removed 5k\_ detroit\_enviroment.CBR  
 Option Pkg Name: Tech 0031 Move Detroit Sea Vehicles to NDW Carderock  
 Std Fctrs File : E:\Database\COBRA 6.07\BRAC2005.SFF

Personnel				
Base	Start*	Finish*	Change	%Change
IF NSWC CARDEROCK	1,676	1,682	6	0%
DETROIT/SELFRIDGE	3,500	3,465	-35	-1%
COMNAVDIST WASH DC	7,135	7,163	28	0%
TOTAL	12,311	12,310	-1	0%

Square Footage					
Base	Start	Finish	Change	%Change	Chg/Per
IF NSWC CARDEROCK	1,850,330	1,850,330	0	0%	0
DETROIT/SELFRIDGE	1,724,000	1,724,000	0	0%	0
COMNAVDIST WASH DC	4,185,353	4,185,353	0	0%	0
TOTAL	7,759,683	7,759,683	0	0%	0

Base Operations Support (2005\$)					
Base	Start*	Finish*	Change	%Change	Chg/Per
IF NSWC CARDEROCK	2,803,026	2,804,619	1,593	0%	265
DETROIT/SELFRIDGE	46,166,700	46,049,882	-116,818	0%	3,338
COMNAVDIST WASH DC	46,710,718	46,792,390	81,672	0%	2,917
TOTAL	95,680,444	95,646,891	-33,553	0%	33,553

Sustainment (2005\$)					
Base	Start	Finish	Change	%Change	Chg/Per
IF NSWC CARDEROCK	3,922,221	3,922,221	0	0%	0
DETROIT/SELFRIDGE	3,760,950	3,760,950	0	0%	0
COMNAVDIST WASH DC	5,133,789	5,133,789	0	0%	0
TOTAL	12,816,960	12,816,960	0	0%	0

Recapitalization (2005\$)					
Base	Start	Finish	Change	%Change	Chg/Per
IF NSWC CARDEROCK	3,335,239	3,335,239	0	0%	0
DETROIT/SELFRIDGE	4,016,373	4,016,373	0	0%	0
COMNAVDIST WASH DC	7,573,995	7,573,995	0	0%	0
TOTAL	14,925,606	14,925,606	0	0%	0

Sustain + Recap + BOS (2005\$)					
Base	Start	Finish	Change	%Change	Chg/Per
IF NSWC CARDEROCK	10,060,486	10,062,079	1,593	0%	265
DETROIT/SELFRIDGE	53,944,023	53,827,204	-116,818	0%	3,338
COMNAVDIST WASH DC	59,418,501	59,500,174	81,672	0%	2,917
TOTAL	123,423,010	123,389,457	-33,553	0%	33,553

Department : TJCSG  
 Scenario File : E:\Database\COBRA Database\TECH-0031\Tech0031 Assumptions-2\Tech 31 parts to be added\Detroit\Detroit\_to\_DC\_24FEB2005\_B\_removed 5k\_ detroit\_enviroment.CBR  
 Option Pkg Name: Tech 0031 Move Detroit Sea Vehicles to NDW Carderock  
 Std Fctrs File : E:\Database\COBRA 6.07\BRAC2005.SFF

Base	Plant Replacement		Value (2005\$)		Chg/Per
	Start	Finish	Change	%Change	
IF NSWC CARDEROCK	380,217,215	380,217,215	0	0%	0
DETROIT/SELFRIDGE	413,686,390	413,686,390	0	0%	0
COMNAVDIST WASH DC	863,435,395	863,435,395	0	0%	0
TOTAL	1,657,339,000	1,657,339,000	0	0%	0

Department : TJCSG  
Scenario File : E:\Database\COBRA Database\TECH-0031\Tech0031 Assumptions-2\Tech 31 parts to be added\Detroit\Detroit\_to\_DC\_24FEB2005\_B\_removed 5k\_ detroit\_enviroment.CBR  
Option Pkg Name: Tech 0031 Move Detroit Sea Vehicles to NDW Carderock  
Std Fctrs File : E:\Database\COBRA 6.07\BRAC2005.SFF

\* "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 v6.07) - Page 1/12**  
 Data As Of 2/25/2005 12:11:02 PM, Report Created 2/25/2005 12:11:09 PM

Department : TJCSG  
 Scenario File : E:\Database\COBRA Database\TECH-0031\Tech0031 Assumptions-2\Tech 31 parts to be added\Detroit\Detroit\_to\_DC\_24FEB2005\_B\_removed 5k\_ detroit\_enviroment.CBR  
 Option Pkg Name: Tech 0031 Move Detroit Sea Vehicles to NDW Carderock  
 Std Fctrs File : E:\Database\COBRA 6.07\BRAC2005.SFF

ONE-TIME COSTS -----(\$K)-----	2006 ----	2007 ----	2008 ----	2009 ----	2010 ----	2011 ----	Total -----
CONSTRUCTION							
MILCON	0	0	0	0	0	0	0
O&M							
CIV SALARY							
Civ RIF	61	0	0	0	0	0	61
Civ Retire	25	0	0	0	0	0	25
CIV MOVING							
Per Diem	158	0	0	0	0	0	158
POV Miles	3	0	0	0	0	0	3
Home Purch	612	0	0	0	0	0	612
HHG	83	0	0	0	0	0	83
Misc	25	0	0	0	0	0	25
House Hunt	98	0	0	0	0	0	98
PPP	0	0	0	0	0	0	0
RITA	251	0	0	0	0	0	251
FREIGHT							
Packing	2	0	0	0	0	0	2
Freight	13	0	0	0	0	0	13
Vehicles	0	0	0	0	0	0	0
Unemployment	4	0	0	0	0	0	4
OTHER							
Info Tech	6	0	0	0	0	0	6
Prog Manage	68	0	0	0	0	0	68
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	1	0	0	0	0	0	1
POV Miles	0	0	0	0	0	0	0
HHG	12	0	0	0	0	0	12
Misc	4	0	0	0	0	0	4
OTHER							
Elim PCS	0	0	0	0	0	0	0
OTHER							
HAP / RSE	0	0	0	0	0	0	0
Environmental	288	0	0	0	0	0	288
Misn Contract	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0
<b>TOTAL ONE-TIME</b>	<b>1,717</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,717</b>

Department : TJCSG  
 Scenario File : E:\Database\COBRA Database\TECH-0031\Tech0031 Assumptions-2\Tech 31 parts to be added\Detroit\Detroit\_to\_DC\_24FEB2005\_B\_removed 5k\_ detroit\_enviroment.CBR  
 Option Pkg Name: Tech 0031 Move Detroit Sea Vehicles to NDW Carderock  
 Std Fctrs File : E:\Database\COBRA 6.07\BRAC2005.SFF

RECURRINGCOSTS -----(\$K)-----	2006	2007	2008	2009	2010	2011	Total	Beyond
O&M								
Sustainment	0	0	0	0	0	0	0	0
Recap	0	0	0	0	0	0	0	0
BOS	83	83	83	83	83	83	499	83
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	83	83	83	83	83	83	499	83
TOTAL COST	1,800	83	83	83	83	83	2,216	83
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	17	0	0	0	0	0	17	
OTHER								
Environmental	0	0	0	0	0	0	0	
1-Time Other	0	0	0	0	0	0	0	
TOTAL ONE-TIME	17	0	0	0	0	0	17	
RECURRINGSAVES -----(\$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	117	117	117	117	117	117	701	117
Civ Salary	102	138	138	138	138	138	792	138
MIL PERSONNEL								
Off Salary	0	0	0	0	0	0	0	0
Enl Salary	0	0	0	0	0	0	0	0
House Allow	52	52	52	52	52	52	311	52
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	271	306	306	306	306	306	1,804	306
TOTAL SAVINGS	288	306	306	306	306	306	1,820	306

Department : TJCSG  
 Scenario File : E:\Database\COBRA Database\TECH-0031\Tech0031 Assumptions-2\Tech 31 parts to be added\Detroit\Detroit\_to\_DC\_24FEB2005\_B\_removed 5k\_ detroit\_enviroment.CBR  
 Option Pkg Name: Tech 0031 Move Detroit Sea Vehicles to NDW Carderock  
 Std Fctrs File : E:\Database\COBRA 6.07\BRAC2005.SFF

ONE-TIME NET -----(\$K)-----	2006	2007	2008	2009	2010	2011	Total	
CONSTRUCTION								
MILCON	0	0	0	0	0	0	0	
O&M								
Civ Retir/RIF	87	0	0	0	0	0	87	
Civ Moving	1,246	0	0	0	0	0	1,246	
Info Tech	6	0	0	0	0	0	6	
Other	72	0	0	0	0	0	72	
MIL PERSONNEL								
Mil Moving	1	0	0	0	0	0	1	
OTHER								
HAP / RSE	0	0	0	0	0	0	0	
Environmental	288	0	0	0	0	0	288	
Misn Contract	0	0	0	0	0	0	0	
1-Time Other	0	0	0	0	0	0	0	
TOTAL ONE-TIME	1,700	0	0	0	0	0	1,412	
RECURRING NET -----(\$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	-33	-33	-33	-33	-33	-33	-201	-33
Civ Salary	-102	-138	-138	-138	-138	-138	-792	-138
TRICARE	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Salary	0	0	0	0	0	0	0	0
House Allow	-52	-52	-52	-52	-52	-52	-311	-52
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	-188	-223	-223	-223	-223	-223	-1,304	-223
TOTAL NET COST	1,512	-223	-223	-223	-223	-223	396	-223

Department : TJCSG  
 Scenario File : E:\Database\COBRA Database\TECH-0031\Tech0031 Assumptions-2\Tech 31 parts to be added\Detroit\Detroit\_to\_DC\_24FEB2005\_B\_removed 5k\_ detroit\_enviroment.CBR  
 Option Pkg Name: Tech 0031 Move Detroit Sea Vehicles to NDW Carderock  
 Std Fctrs File : E:\Database\COBRA 6.07\BRAC2005.SFF

Base: IF NSWC CARDEROCK, MD (NIF005)	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	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 Contrac	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	288	0	0	0	0	0	288
Misn Contract	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0
TOTAL ONE-TIME	288	0	0	0	0	0	288

Department : TJCSG  
 Scenario File : E:\Database\COBRA Database\TECH-0031\Tech0031 Assumptions-2\Tech 31 parts to be added\Detroit\Detroit\_to\_DC\_24FEB2005\_B\_removed 5k\_ detroit\_enviroment.CBR  
 Option Pkg Name: Tech 0031 Move Detroit Sea Vehicles to NDW Carderock  
 Std Fctrs File : E:\Database\COBRA 6.07\BRAC2005.SFF

Base: IF NSWC CARDEROCK, MD (NIF005)								
RECURRINGCOSTS	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	1	1	1	1	1	1	9	1
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	1	1	1	1	1	1	9	1
TOTAL COSTS	289	1	1	1	1	1	297	1
ONE-TIME SAVES								
-----(\$K)-----	2006	2007	2008	2009	2010	2011	Total	Beyond
-----(\$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
RECURRINGSAVES								
-----(\$K)-----	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	0	0	0	0	0	0	0	0
Civ Salary	13	13	13	13	13	13	80	13
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	13	13	13	13	13	13	80	13
TOTAL SAVINGS	13	13	13	13	13	13	80	13

Department : TJCSG  
 Scenario File : E:\Database\COBRA Database\TECH-0031\Tech0031 Assumptions-2\Tech 31 parts to be added\Detroit\Detroit\_to\_DC\_24FEB2005\_B\_removed 5k\_ detroit\_enviroment.CBR  
 Option Pkg Name: Tech 0031 Move Detroit Sea Vehicles to NDW Carderock  
 Std Fctrs File : E:\Database\COBRA 6.07\BRAC2005.SFF

Base: IF NSWC CARDEROCK, MD (NIF005)								
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	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	288	0	0	0	0	0	288	
Misn Contract	0	0	0	0	0	0	0	
1-Time Other	0	0	0	0	0	0	0	
TOTAL ONE-TIME	288	0	0	0	0	0	288	
RECURRING NET								
-----(\$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	1	1	1	1	1	1	9	1
Civ Salary	-13	-13	-13	-13	-13	-13	-80	-13
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	-12	-12	-12	-12	-12	-12	-71	-12
TOTAL NET COST	276	-12	-12	-12	-12	-12	217	-12

Department : TJCSG  
 Scenario File : E:\Database\COBRA Database\TECH-0031\Tech0031 Assumptions-2\Tech 31 parts to be added\Detroit\Detroit\_to\_DC\_24FEB2005\_B\_removed 5k\_ detroit\_enviroment.CBR  
 Option Pkg Name: Tech 0031 Move Detroit Sea Vehicles to NDW Carderock  
 Std Fctrs File : E:\Database\COBRA 6.07\BRAC2005.SFF

Base: DETROIT/SELFRIDGE, MI (26221)	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	61	0	0	0	0	0	61
Civ Retire	25	0	0	0	0	0	25
CIV MOVING							
Per Diem	158	0	0	0	0	0	158
POV Miles	3	0	0	0	0	0	3
Home Purch	612	0	0	0	0	0	612
HHG	83	0	0	0	0	0	83
Misc	25	0	0	0	0	0	25
House Hunt	98	0	0	0	0	0	98
PPP	0	0	0	0	0	0	0
RITA	251	0	0	0	0	0	251
FREIGHT							
Packing	2	0	0	0	0	0	2
Freight	13	0	0	0	0	0	13
Vehicles	0	0	0	0	0	0	0
Unemployment	4	0	0	0	0	0	4
OTHER							
Info Tech	6	0	0	0	0	0	6
Prog Manage	68	0	0	0	0	0	68
Supt Contrac	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	1	0	0	0	0	0	1
POV Miles	0	0	0	0	0	0	0
HHG	12	0	0	0	0	0	12
Misc	4	0	0	0	0	0	4
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
Misn Contract	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0
TOTAL ONE-TIME	1,429	0	0	0	0	0	1,429

Department : TJCSG  
 Scenario File : E:\Database\COBRA Database\TECH-0031\Tech0031 Assumptions-2\Tech 31 parts to be added\Detroit\Detroit\_to\_DC\_24FEB2005\_B\_removed 5k\_ detroit\_enviroment.CBR  
 Option Pkg Name: Tech 0031 Move Detroit Sea Vehicles to NDW Carderock  
 Std Fctrs File : E:\Database\COBRA 6.07\BRAC2005.SFF

Base: DETROIT/SELFRIDGE, MI (26221)								
RECURRINGCOSTS	2006	2007	2008	2009	2010	2011	Total	Beyond
-----(\$K)-----	----	----	----	----	----	----	-----	-----
<b>O&amp;M</b>								
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
<b>MIL PERSONNEL</b>								
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
<b>OTHER</b>								
Mission Activ	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
<b>TOTAL RECUR</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>TOTAL COSTS</b>	<b>1,429</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,429</b>	<b>0</b>
<b>ONE-TIME SAVES</b>								
-----(\$K)-----	2006	2007	2008	2009	2010	2011	Total	Beyond
-----(\$K)-----	----	----	----	----	----	----	-----	-----
<b>CONSTRUCTION</b>								
MILCON	0	0	0	0	0	0	0	0
<b>O&amp;M</b>								
1-Time Move	0	0	0	0	0	0	0	0
<b>MIL PERSONNEL</b>								
Mil Moving	17	0	0	0	0	0	17	0
<b>OTHER</b>								
Environmental	0	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0	0
<b>TOTAL ONE-TIME</b>	<b>17</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>17</b>	<b>0</b>
<b>RECURRINGSAVES</b>								
-----(\$K)-----	2006	2007	2008	2009	2010	2011	Total	Beyond
-----(\$K)-----	----	----	----	----	----	----	-----	-----
<b>FAM HOUSE OPS</b>								
FAM HOUSE OPS	0	0	0	0	0	0	0	0
<b>O&amp;M</b>								
Sustainment	0	0	0	0	0	0	0	0
Recap	0	0	0	0	0	0	0	0
BOS	117	117	117	117	117	117	701	117
Civ Salary	35	71	71	71	71	71	390	71
<b>MIL PERSONNEL</b>								
Off Salary	0	0	0	0	0	0	0	0
Enl Salary	0	0	0	0	0	0	0	0
House Allow	52	52	52	52	52	52	311	52
<b>OTHER</b>								
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
<b>TOTAL RECUR</b>	<b>204</b>	<b>240</b>	<b>240</b>	<b>240</b>	<b>240</b>	<b>240</b>	<b>1,402</b>	<b>240</b>
<b>TOTAL SAVINGS</b>	<b>221</b>	<b>240</b>	<b>240</b>	<b>240</b>	<b>240</b>	<b>240</b>	<b>1,419</b>	<b>240</b>

Department : TJCSG  
 Scenario File : E:\Database\COBRA Database\TECH-0031\Tech0031 Assumptions-2\Tech 31 parts to be added\Detroit\Detroit\_to\_DC\_24FEB2005\_B\_removed 5k\_ detroit\_enviroment.CBR  
 Option Pkg Name: Tech 0031 Move Detroit Sea Vehicles to NDW Carderock  
 Std Fctrs File : E:\Database\COBRA 6.07\BRAC2005.SFF

Base: DETROIT/SELFRIDGE, MI (26221)								
ONE-TIME NET	2006	2007	2008	2009	2010	2011	Total	
-----(\$K)-----	----	----	----	----	----	----	-----	-----
<b>CONSTRUCTION</b>								
MILCON	0	0	0	0	0	0	0	
<b>O&amp;M</b>								
Civ Retir/RIF	87	0	0	0	0	0	87	
Civ Moving	1,246	0	0	0	0	0	1,246	
Info Tech	6	0	0	0	0	0	6	
Other	72	0	0	0	0	0	72	
<b>MIL PERSONNEL</b>								
Mil Moving	1	0	0	0	0	0	1	
<b>OTHER</b>								
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	
<b>TOTAL ONE-TIME</b>	<b>1,412</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,412</b>	
<b>RECURRING NET</b>								
-----(\$K)-----	----	----	----	----	----	----	-----	-----
FAM HOUSE OPS	0	0	0	0	0	0	0	0
<b>O&amp;M</b>								
Sustainment	0	0	0	0	0	0	0	0
Recap	0	0	0	0	0	0	0	0
BOS	-117	-117	-117	-117	-117	-117	-701	-117
Civ Salary	-35	-71	-71	-71	-71	-71	-390	-71
TRICARE	0	0	0	0	0	0	0	0
<b>MIL PERSONNEL</b>								
Mil Salary	0	0	0	0	0	0	0	0
House Allow	-52	-52	-52	-52	-52	-52	-311	-52
<b>OTHER</b>								
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
<b>TOTAL RECUR</b>	<b>-204</b>	<b>-240</b>	<b>-240</b>	<b>-240</b>	<b>-240</b>	<b>-240</b>	<b>-1,402</b>	<b>-240</b>
<b>TOTAL NET COST</b>	<b>1,208</b>	<b>-240</b>	<b>-240</b>	<b>-240</b>	<b>-240</b>	<b>-240</b>	<b>9</b>	<b>-240</b>

Department : TJCSG  
 Scenario File : E:\Database\COBRA Database\TECH-0031\Tech0031 Assumptions-2\Tech 31 parts to be added\Detroit\Detroit\_to\_DC\_24FEB2005\_B\_removed 5k\_ detroit\_enviroment.CBR  
 Option Pkg Name: Tech 0031 Move Detroit Sea Vehicles to NDW Carderock  
 Std Fctrs File : E:\Database\COBRA 6.07\BRAC2005.SFF

Base: COMNAVDIST WASH DC, DC (n00171)	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	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 Contrac	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
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

Department : TJCSG  
 Scenario File : E:\Database\COBRA Database\TECH-0031\Tech0031 Assumptions-2\Tech 31 parts to be added\Detroit\Detroit\_to\_DC\_24FEB2005\_B\_removed 5k\_ detroit\_enviroment.CBR  
 Option Pkg Name: Tech 0031 Move Detroit Sea Vehicles to NDW Carderock  
 Std Fctrs File : E:\Database\COBRA 6.07\BRAC2005.SFF

Base: COMNAV DIST WASH DC, DC (n00171)								
RECURRING COSTS	2006	2007	2008	2009	2010	2011	Total	Beyond
-----(\$K)-----	----	----	----	----	----	----	-----	-----
<b>O&amp;M</b>								
Sustainment	0	0	0	0	0	0	0	0
Recap	0	0	0	0	0	0	0	0
BOS	82	82	82	82	82	82	490	82
Civ Salary	0	0	0	0	0	0	0	0
TRICARE	0	0	0	0	0	0	0	0
<b>MIL PERSONNEL</b>								
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
<b>OTHER</b>								
Mission Activ	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
<b>TOTAL RECUR</b>	<b>82</b>	<b>82</b>	<b>82</b>	<b>82</b>	<b>82</b>	<b>82</b>	<b>490</b>	<b>82</b>
<b>TOTAL COSTS</b>	<b>82</b>	<b>82</b>	<b>82</b>	<b>82</b>	<b>82</b>	<b>82</b>	<b>490</b>	<b>82</b>
<b>ONE-TIME SAVES</b>								
-----(\$K)-----	2006	2007	2008	2009	2010	2011	Total	Beyond
-----(\$K)-----	----	----	----	----	----	----	-----	-----
<b>CONSTRUCTION</b>								
MILCON	0	0	0	0	0	0	0	0
<b>O&amp;M</b>								
1-Time Move	0	0	0	0	0	0	0	0
<b>MIL PERSONNEL</b>								
Mil Moving	0	0	0	0	0	0	0	0
<b>OTHER</b>								
Environmental	0	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0	0
<b>TOTAL ONE-TIME</b>	<b>0</b>	<b>0</b>						
<b>RECURRING SAVES</b>								
-----(\$K)-----	2006	2007	2008	2009	2010	2011	Total	Beyond
-----(\$K)-----	----	----	----	----	----	----	-----	-----
<b>FAM HOUSE OPS</b>								
FAM HOUSE OPS	0	0	0	0	0	0	0	0
<b>O&amp;M</b>								
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	53	53	53	53	53	53	321	53
<b>MIL PERSONNEL</b>								
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
<b>OTHER</b>								
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
<b>TOTAL RECUR</b>	<b>53</b>	<b>53</b>	<b>53</b>	<b>53</b>	<b>53</b>	<b>53</b>	<b>321</b>	<b>53</b>
<b>TOTAL SAVINGS</b>	<b>53</b>	<b>53</b>	<b>53</b>	<b>53</b>	<b>53</b>	<b>53</b>	<b>321</b>	<b>53</b>

Department : TJCSG  
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 Option Pkg Name: Tech 0031 Move Detroit Sea Vehicles to NDW Carderock  
 Std Fctrs File : E:\Database\COBRA 6.07\BRAC2005.SFF

Base: COMNAV DIST WASH DC, DC (n00171)								
ONE-TIME NET	2006	2007	2008	2009	2010	2011	Total	
-----(\$K)-----	----	----	----	----	----	----	-----	
<b>CONSTRUCTION</b>								
MILCON	0	0	0	0	0	0	0	
<b>O&amp;M</b>								
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	
<b>MIL PERSONNEL</b>								
Mil Moving	0	0	0	0	0	0	0	
<b>OTHER</b>								
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	
<b>TOTAL ONE-TIME</b>	<b>0</b>							
RECURRING NET	2006	2007	2008	2009	2010	2011	Total	Beyond
-----(\$K)-----	----	----	----	----	----	----	-----	-----
FAM HOUSE OPS	0	0	0	0	0	0	0	0
<b>O&amp;M</b>								
Sustainment	0	0	0	0	0	0	0	0
Recap	0	0	0	0	0	0	0	0
BOS	82	82	82	82	82	82	490	82
Civ Salary	-53	-53	-53	-53	-53	-53	-321	-53
TRICARE	0	0	0	0	0	0	0	0
<b>MIL PERSONNEL</b>								
Mil Salary	0	0	0	0	0	0	0	0
House Allow	0	0	0	0	0	0	0	0
<b>OTHER</b>								
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
<b>TOTAL RECUR</b>	<b>28</b>	<b>28</b>	<b>28</b>	<b>28</b>	<b>28</b>	<b>28</b>	<b>169</b>	<b>28</b>
<b>TOTAL NET COST</b>	<b>28</b>	<b>28</b>	<b>28</b>	<b>28</b>	<b>28</b>	<b>28</b>	<b>169</b>	<b>28</b>

**TOTAL COBRA MILITARY CONSTRUCTION ASSETS REPORT (COBRA v6.07)**

Data As Of 2/25/2005 12:11:02 PM, Report Created 2/25/2005 12:11:09 PM

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 Scenario File : E:\Database\COBRA Database\TECH-0031\Tech0031 Assumptions-2\Tech 31 parts to be added\Detroit\Detroit\_to\_DC\_24FEB2005\_B\_removed 5k\_ detroit\_enviroment.CBR  
 Option Pkg Name: Tech 0031 Move Detroit Sea Vehicles to NDW Carderock  
 Std Fctrs File : E:\Database\COBRA 6.07\BRAC2005.SFF

All values in 2005 Constant Dollars

Base Name	Total MilCon*	Milcon Cost Avoidance	Total Net Costs
IF NSWC CARDEROCK	0	0	0
DETROIT/SELFRIDGE	0	0	0
COMNAVDIST WASH DC	0	0	0
Totals:	0	0	0

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

COBRA NET PRESENT VALUES REPORT (COBRA v6.07)

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 Option Pkg Name: Tech 0031 Move Detroit Sea Vehicles to NDW Carderock  
 Std Fctrs File : E:\Database\COBRA 6.07\BRAC2005.SFF

Year	Cost(\$)	Adjusted Cost(\$)	NPV(\$)
----	-----	-----	-----
2006	1,512,081	1,488,814	1,488,814
2007	-223,287	-213,137	1,275,677
2008	-223,287	-206,629	1,069,048
2009	-223,287	-200,318	868,729
2010	-223,287	-194,201	674,528
2011	-223,287	-188,271	486,257
2012	-223,287	-182,521	303,736
2013	-223,287	-176,947	126,789
2014	-223,287	-171,544	-44,755
2015	-223,287	-166,305	-211,060
2016	-223,287	-161,226	-372,287
2017	-223,287	-156,303	-528,590
2018	-223,287	-151,530	-680,119
2019	-223,287	-146,902	-827,022
2020	-223,287	-142,416	-969,438
2021	-223,287	-138,067	-1,107,505
2022	-223,287	-133,851	-1,241,356
2023	-223,287	-129,763	-1,371,120
2024	-223,287	-125,801	-1,496,920
2025	-223,287	-121,959	-1,618,879

COBRA SUSTAINMENT/RECAP/BOS/HOUSING CHANGE REPORT (COBRA v6.07)

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Department : TJCSG  
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 Option Pkg Name: Tech 0031 Move Detroit Sea Vehicles to NDW Carderock  
 Std Fctrs File : E:\Database\COBRA 6.07\BRAC2005.SFF

Net Change(\$K)	2006	2007	2008	2009	2010	2011	Total	Beyond
Sustain Change	0	0	0	0	0	0	0	0
Recap Change	0	0	0	0	0	0	0	0
BOS Change	-33	-33	-33	-33	-33	-33	-201	-33
Housing Change	0	0	0	0	0	0	0	0
<b>TOTAL CHANGES</b>	<b>-33</b>	<b>-33</b>	<b>-33</b>	<b>-33</b>	<b>-33</b>	<b>-33</b>	<b>-201</b>	<b>-33</b>

IF NSWC CARDEROCK, MD (NIF005)

Net Change(\$K)	2006	2007	2008	2009	2010	2011	Total	Beyond
Sustain Change	0	0	0	0	0	0	0	0
Recap Change	0	0	0	0	0	0	0	0
BOS Change	1	1	1	1	1	1	9	1
Housing Change	0	0	0	0	0	0	0	0
<b>TOTAL CHANGES</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>9</b>	<b>1</b>

DETROIT/SELFRIDGE, MI (26221)

Net Change(\$K)	2006	2007	2008	2009	2010	2011	Total	Beyond
Sustain Change	0	0	0	0	0	0	0	0
Recap Change	0	0	0	0	0	0	0	0
BOS Change	-117	-117	-117	-117	-117	-117	-701	-117
Housing Change	0	0	0	0	0	0	0	0
<b>TOTAL CHANGES</b>	<b>-117</b>	<b>-117</b>	<b>-117</b>	<b>-117</b>	<b>-117</b>	<b>-117</b>	<b>-701</b>	<b>-117</b>

COMNAVDIST WASH DC, DC (n00171)

Net Change(\$K)	2006	2007	2008	2009	2010	2011	Total	Beyond
Sustain Change	0	0	0	0	0	0	0	0
Recap Change	0	0	0	0	0	0	0	0
BOS Change	82	82	82	82	82	82	490	82
Housing Change	0	0	0	0	0	0	0	0
<b>TOTAL CHANGES</b>	<b>82</b>	<b>82</b>	<b>82</b>	<b>82</b>	<b>82</b>	<b>82</b>	<b>490</b>	<b>82</b>

TOTAL COBRA PERSONNEL IMPACT REPORT (COBRA v6.07) - Page 1/4

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Department : TJCSG  
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 Option Pkg Name: Tech 0031 Move Detroit Sea Vehicles to NDW Carderock  
 Std Fctrs File : E:\Database\COBRA 6.07\BRAC2005.SFF

	Rate	2006	2007	2008	2009	2010	2011	Total
CIVILIAN POSITIONS REALIGNING OUT		30	0	0	0	0	0	30
Early Retirement*	8.10%	2	0	0	0	0	0	2
Regular Retirement*	1.67%	0	0	0	0	0	0	0
Civilian Turnover*	9.16%	3	0	0	0	0	0	3
Civs Not Moving (RIFs)*	6.00%	1	0	0	0	0	0	1
Civilians Moving (the remainder)		24	0	0	0	0	0	24
Civilian Positions Available		6	0	0	0	0	0	6
CIVILIAN POSITIONS ELIMINATED		1	0	0	0	0	0	1
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
Priority Placement#	39.97%	0	0	0	0	0	0	0
Civilians Available to Move		1	0	0	0	0	0	1
Civilians Moving		1	0	0	0	0	0	1
Civilian RIFs (the remainder)		0	0	0	0	0	0	0
CIVILIAN POSITIONS REALIGNING IN		30	0	0	0	0	0	30
Civilians Moving		25	0	0	0	0	0	25
New Civilians Hired		5	0	0	0	0	0	5
Other Civilian Additions		0	0	0	0	0	0	0
TOTAL CIVILIAN EARLY RETIRMENTS		2	0	0	0	0	0	2
TOTAL CIVILIAN RIFS		1	0	0	0	0	0	1
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	0	0	0	0	0	0
TOTAL CIVILIAN NEW HIRES		5	0	0	0	0	0	5

\* 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 : TJCSG  
 Scenario File : E:\Database\COBRA Database\TECH-0031\Tech0031 Assumptions-2\Tech 31 parts to be added\Detroit\Detroit\_to\_DC\_24FEB2005\_B\_removed 5k\_detroit\_enviroment.CBR  
 Option Pkg Name: Tech 0031 Move Detroit Sea Vehicles to NDW Carderock  
 Std Fctrs File : E:\Database\COBRA 6.07\BRAC2005.SFF

Base: IF NSWC CARDEROCK, MD (NIF005)	Rate	2006	2007	2008	2009	2010	2011	Total
CIVILIAN POSITIONS REALIGNING OUT								
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	0	0	0	0	0	0
Civilian Positions Available		0	0	0	0	0	0	0
CIVILIAN POSITIONS ELIMINATED								
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
Priority Placement#	39.97%	0	0	0	0	0	0	0
Civilians Available to Move		0	0	0	0	0	0	0
Civilians Moving		0	0	0	0	0	0	0
Civilian RIFs (the remainder)		0	0	0	0	0	0	0
CIVILIAN POSITIONS REALIGNING IN								
Civilians Moving		6	0	0	0	0	0	6
New Civilians Hired		0	0	0	0	0	0	0
Other Civilian Additions		0	0	0	0	0	0	0
TOTAL CIVILIAN EARLY RETIRMENTS		0	0	0	0	0	0	0
TOTAL CIVILIAN RIFS		0	0	0	0	0	0	0
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	0	0	0	0	0	0
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 : TJCSG  
 Scenario File : E:\Database\COBRA Database\TECH-0031\Tech0031 Assumptions-2\Tech 31 parts to be added\Detroit\Detroit\_to\_DC\_24FEB2005\_B\_removed 5k\_ detroit\_enviroment.CBR  
 Option Pkg Name: Tech 0031 Move Detroit Sea Vehicles to NDW Carderock  
 Std Fctrs File : E:\Database\COBRA 6.07\BRAC2005.SFF

Base: DETROIT/SELFRIDGE, MI (26221)	Rate	2006	2007	2008	2009	2010	2011	Total
CIVILIAN POSITIONS REALIGNING OUT								
Early Retirement*	8.10%	2	0	0	0	0	0	2
Regular Retirement*	1.67%	0	0	0	0	0	0	0
Civilian Turnover*	9.16%	3	0	0	0	0	0	3
Civs Not Moving (RIFs)*	6.00%	1	0	0	0	0	0	1
Civilians Moving (the remainder)		24	0	0	0	0	0	24
Civilian Positions Available		6	0	0	0	0	0	6
CIVILIAN POSITIONS ELIMINATED								
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
Priority Placement#	39.97%	0	0	0	0	0	0	0
Civilians Available to Move		1	0	0	0	0	0	1
Civilians Moving		1	0	0	0	0	0	1
Civilian RIFs (the remainder)		0	0	0	0	0	0	0
CIVILIAN POSITIONS REALIGNING IN								
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 RETIRMENTS		2	0	0	0	0	0	2
TOTAL CIVILIAN RIFS		1	0	0	0	0	0	1
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	0	0	0	0	0	0
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 : TJCSG  
 Scenario File : E:\Database\COBRA Database\TECH-0031\Tech0031 Assumptions-2\Tech 31 parts to be added\Detroit\Detroit\_to\_DC\_24FEB2005\_B\_removed 5k\_detroit\_enviroment.CBR  
 Option Pkg Name: Tech 0031 Move Detroit Sea Vehicles to NDW Carderock  
 Std Fctrs File : E:\Database\COBRA 6.07\BRAC2005.SFF

Base: COMNAVDIST WASH DC, DC (n00171)	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	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	0	0	0	0	0	0
Civilian Positions Available		0	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	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
Priority Placement#	39.97%	0	0	0	0	0	0	0
Civilians Available to Move		0	0	0	0	0	0	0
Civilians Moving		0	0	0	0	0	0	0
Civilian RIFs (the remainder)		0	0	0	0	0	0	0
CIVILIAN POSITIONS REALIGNING IN		24	0	0	0	0	0	24
Civilians Moving		19	0	0	0	0	0	19
New Civilians Hired		5	0	0	0	0	0	5
Other Civilian Additions		0	0	0	0	0	0	0
TOTAL CIVILIAN EARLY RETIRMENTS		0	0	0	0	0	0	0
TOTAL CIVILIAN RIFS		0	0	0	0	0	0	0
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	0	0	0	0	0	0
TOTAL CIVILIAN NEW HIRES		5	0	0	0	0	0	5

\* 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)

Data As Of 2/25/2005 12:11:02 PM, Report Created 2/25/2005 12:11:09 PM

Department : TJCSG  
 Scenario File : E:\Database\COBRA Database\TECH-0031\Tech0031 Assumptions-2\Tech 31 parts to be added\Detroit\Detroit\_to\_DC\_24FEB2005\_B\_removed 5k\_detroit\_enviroment.CBR  
 Option Pkg Name: Tech 0031 Move Detroit Sea Vehicles to NDW Carderock  
 Std Fctrs File : E:\Database\COBRA 6.07\BRAC2005.SFF

Base: IF NSWC CARDEROCK, MD (NIF005)

Year	Pers Moved In/Added		MilCon TimePhase	Pers Moved Out/Eliminated		ShutDn TimePhase
	Total	Percent		Total	Percent	
2006	6	100.00%	100.00%	0	0.00%	16.67%
2007	0	0.00%	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	6	100.00%	100.00%	0	0.00%	100.00%

Base: DETROIT/SELFRIDGE, MI (26221)

Year	Pers Moved In/Added		MilCon TimePhase	Pers Moved Out/Eliminated		ShutDn TimePhase
	Total	Percent		Total	Percent	
2006	0	0.00%	33.33%	35	100.00%	100.00%
2007	0	0.00%	16.67%	0	0.00%	0.00%
2008	0	0.00%	16.67%	0	0.00%	0.00%
2009	0	0.00%	16.67%	0	0.00%	0.00%
2010	0	0.00%	16.67%	0	0.00%	0.00%
2011	0	0.00%	0.00%	0	0.00%	0.00%
TOTALS	0	0.00%	100.00%	35	100.00%	100.00%

Base: COMNAVDIST WASH DC, DC (n00171)

Year	Pers Moved In/Added		MilCon TimePhase	Pers Moved Out/Eliminated		ShutDn TimePhase
	Total	Percent		Total	Percent	
2006	28	100.00%	100.00%	0	0.00%	16.67%
2007	0	0.00%	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	28	100.00%	100.00%	0	0.00%	100.00%

# Economic Impact Report

This report depicts the economic impact of the following Scenarios:

Tech031det: Tech 31 Deteroit piece only

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

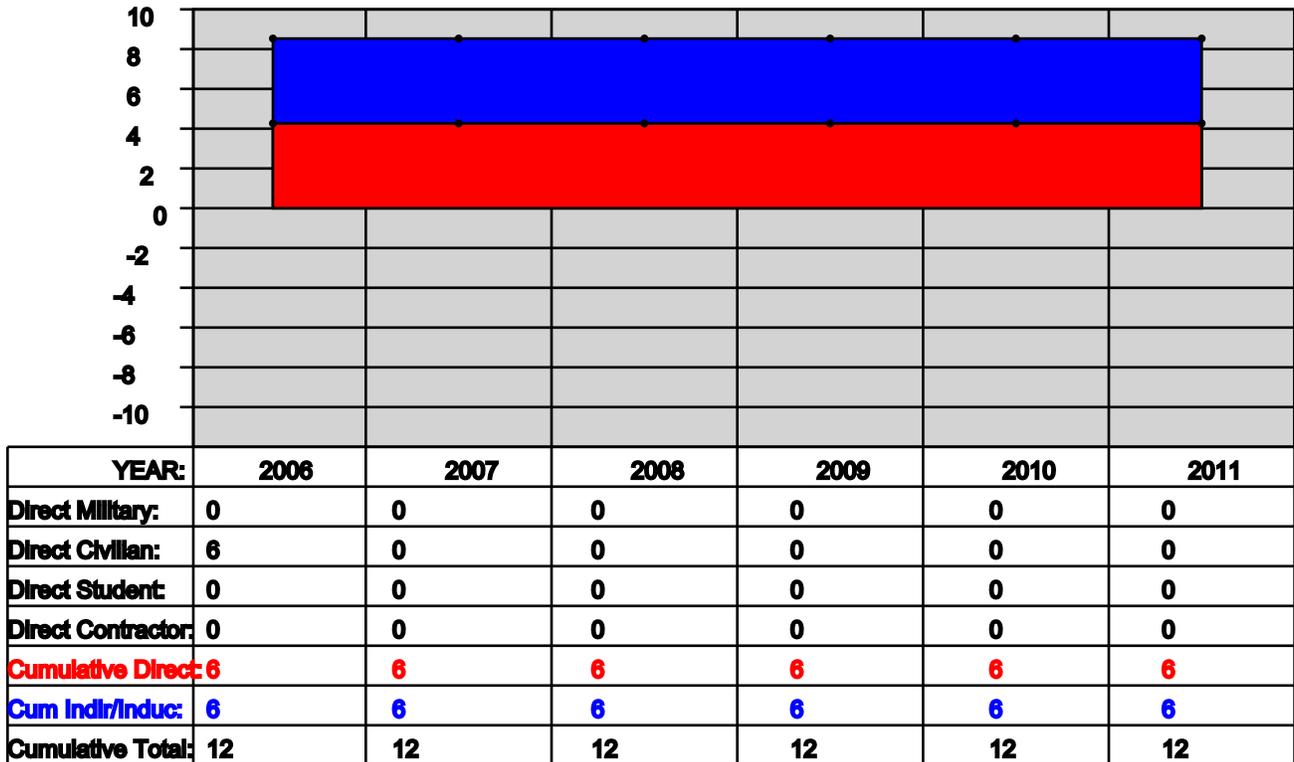
ECONOMIC IMPACT DATA

**Scenario:** All Selected (see title page)  
**Economic Region of Influence(ROI):** Bethesda-Frederick-Gaithersburg, MD Metropolitan Division  
**Base:** All Bases  
**Action:** All Actions

**Overall Economic Impact of Proposed BRAC-05 Action:**

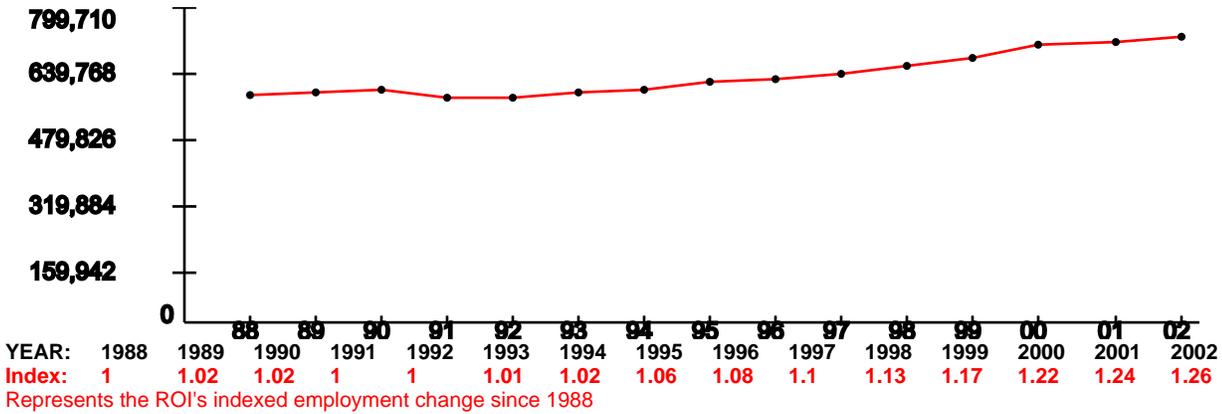
ROI Population (2002): 1,118,094  
 ROI Employment (2002): 727,010  
 Authorized Manpower (2005): 1,640  
 Authorized Manpower(2005) / ROI Employment(2002): 0.23%  
 Total Estimated Job Change: 12  
 Total Estimated Job Change / ROI Employment(2002): 0%

**Cumulative Job Change (Gain/Loss) Over Time:**

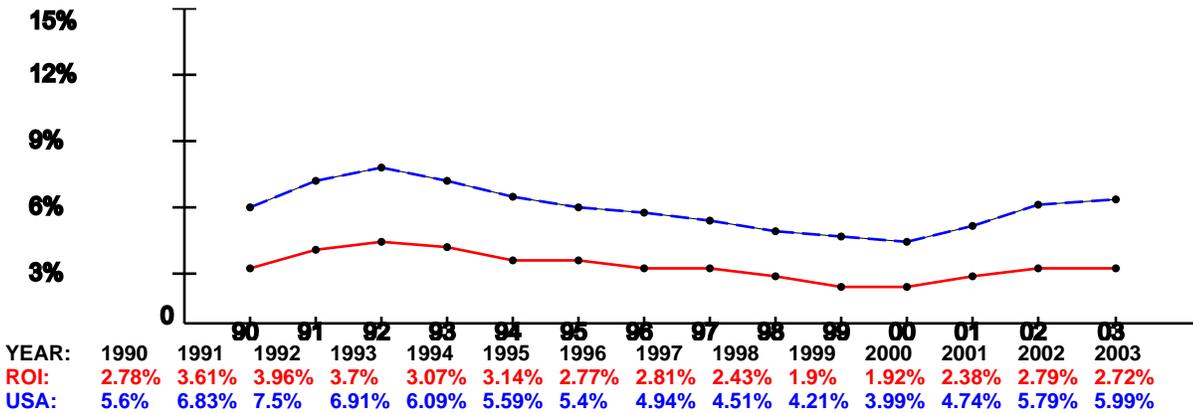


Bethesda-Frederick-Gaithersburg, MD Metropolitan Division Trend Data

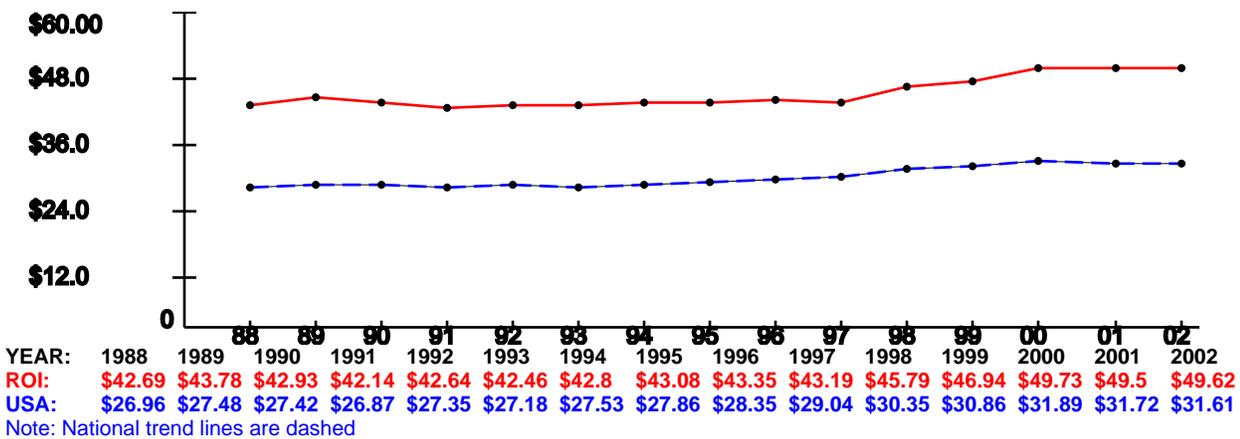
**Employment Trend (1988-2002)**



**Unemployment Percentage Trend (1990-2003)**



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



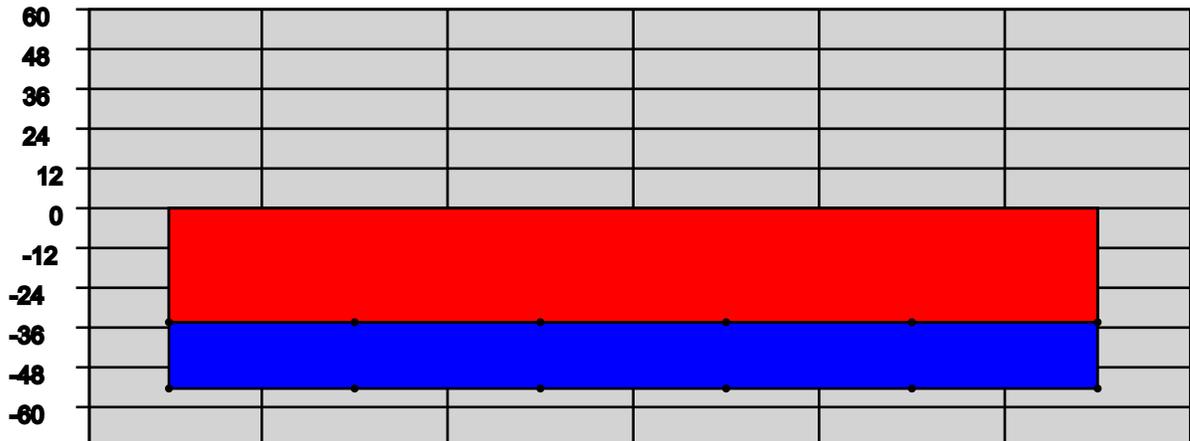
ECONOMIC IMPACT DATA

**Scenario:** All Selected (see title page)  
**Economic Region of Influence(ROI):** Detroit-Livonia-Dearborn, MI Metropolitan Division  
**Base:** All Bases  
**Action:** All Actions

**Overall Economic Impact of Proposed BRAC-05 Action:**

ROI Population (2002):	2,040,078
ROI Employment (2002):	994,108
Authorized Manpower (2005):	3,556
Authorized Manpower(2005) / ROI Employment(2002):	0.36%
Total Estimated Job Change:	-55
Total Estimated Job Change / ROI Employment(2002):	-0.01%

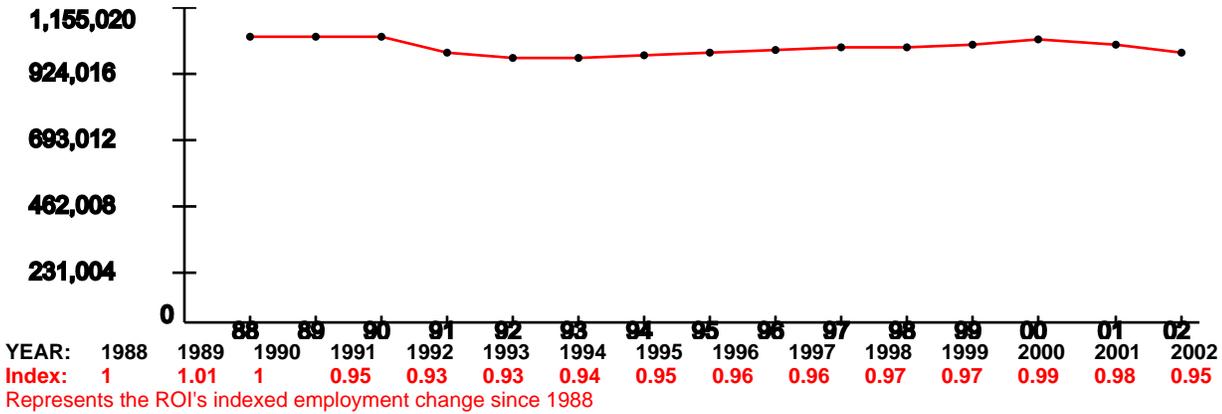
**Cumulative Job Change (Gain/Loss) Over Time:**



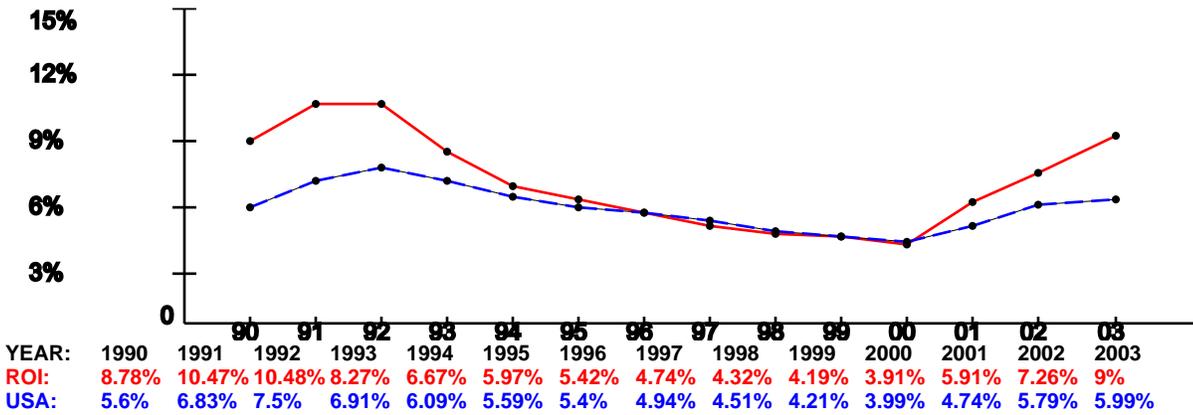
YEAR:	2006	2007	2008	2009	2010	2011
<b>Direct Military:</b>	-4	0	0	0	0	0
<b>Direct Civilian:</b>	-31	0	0	0	0	0
<b>Direct Student:</b>	0	0	0	0	0	0
<b>Direct Contractor:</b>	0	0	0	0	0	0
<b>Cumulative Direct:</b>	-35	-35	-35	-35	-35	-35
<b>Cum Indlr/Induc:</b>	-20	-20	-20	-20	-20	-20
<b>Cumulative Total:</b>	-55	-55	-55	-55	-55	-55

Detroit-Livonia-Dearborn, MI Metropolitan Division Trend Data

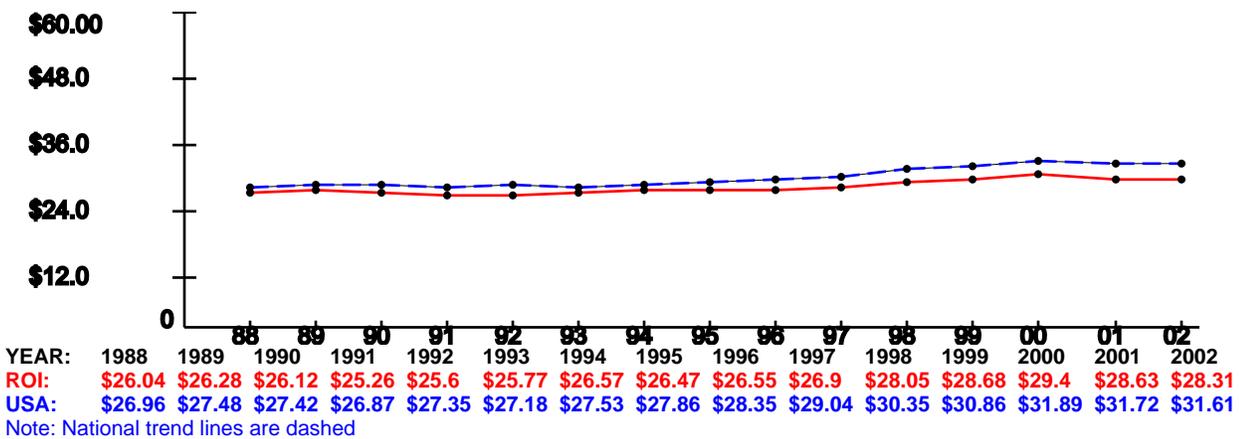
**Employment Trend (1988-2002)**



**Unemployment Percentage Trend (1990-2003)**



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



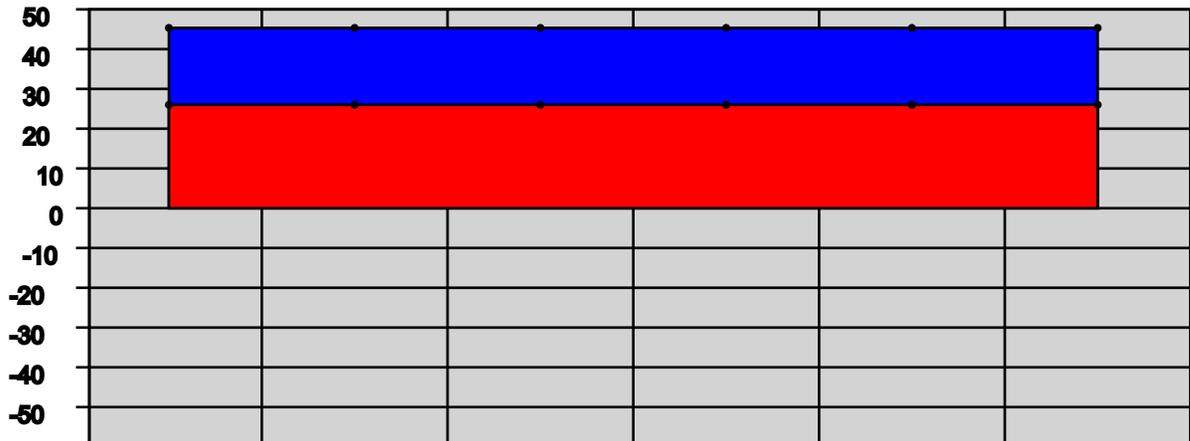
ECONOMIC IMPACT DATA

**Scenario:** All Selected (see title page)  
**Economic Region of Influence(ROI):** Washington-Arlington-Alexandria, DC-VA-MD-WV Metropolitan Division  
**Base:** All Bases  
**Action:** All Actions

**Overall Economic Impact of Proposed BRAC-05 Action:**

ROI Population (2002): 3,895,337  
 ROI Employment (2002): 2,771,791  
 Authorized Manpower (2005): 5,600  
 Authorized Manpower(2005) / ROI Employment(2002): 0.2%  
 Total Estimated Job Change: 49  
 Total Estimated Job Change / ROI Employment(2002): 0%

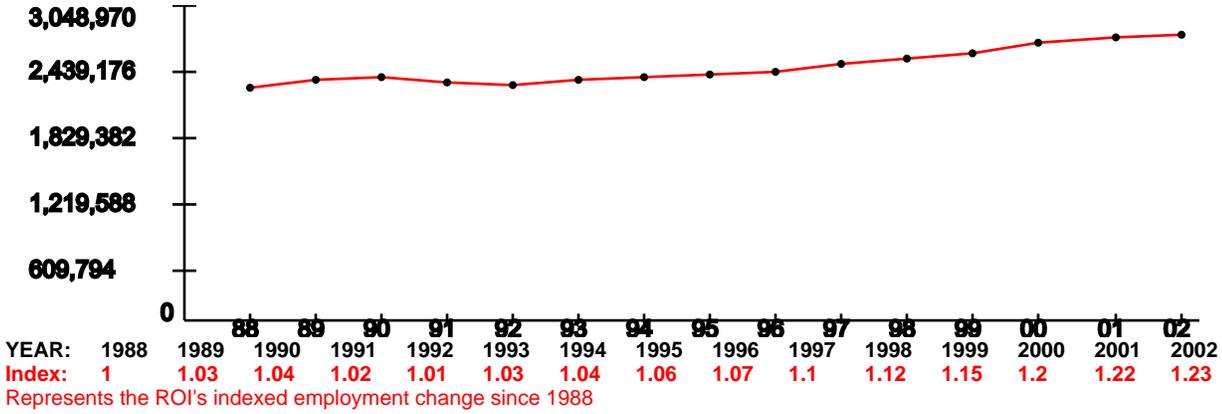
**Cumulative Job Change (Gain/Loss) Over Time:**



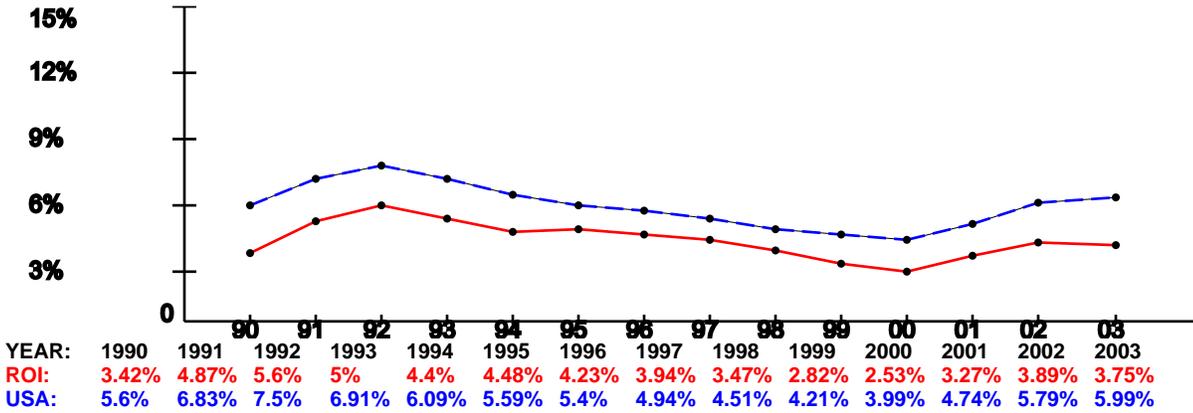
YEAR:	2006	2007	2008	2009	2010	2011
<b>Direct Military:</b>	4	0	0	0	0	0
<b>Direct Civilian:</b>	24	0	0	0	0	0
<b>Direct Student:</b>	0	0	0	0	0	0
<b>Direct Contractor:</b>	0	0	0	0	0	0
<b>Cumulative Direct:</b>	28	28	28	28	28	28
<b>Cum Indir/Induc:</b>	21	21	21	21	21	21
<b>Cumulative Total:</b>	49	49	49	49	49	49

Washington-Arlington-Alexandria, DC-VA-MD-WV Metropolitan Division Trend Data

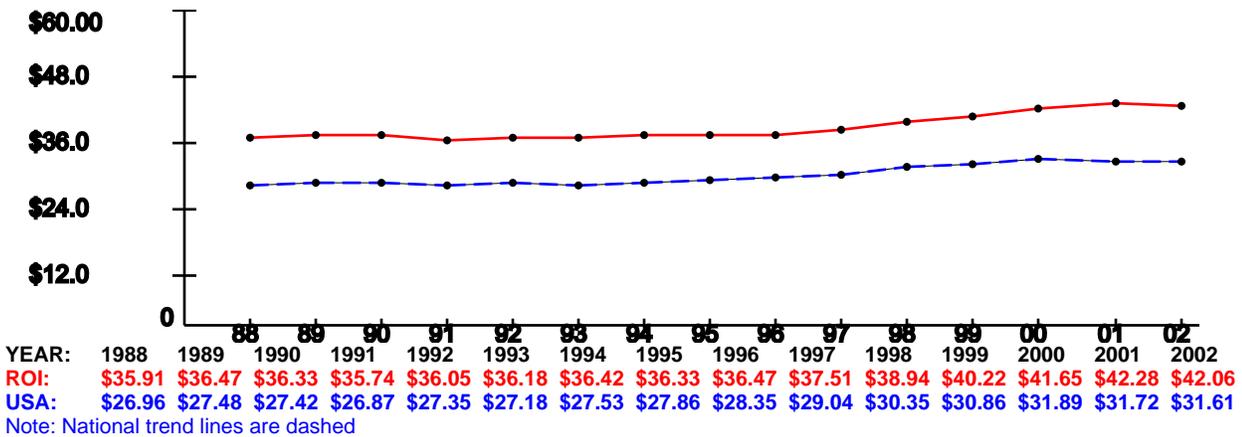
**Employment Trend (1988-2002)**



**Unemployment Percentage Trend (1990-2003)**



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



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## COMNAVDIST\_WASHINGTON\_DC, DC

### Demographics

The following tables provide a short description of the area near the installation/activity. COMNAVDIST\_WASHINGTON\_DC is within Washington, DC, the nearest city with a population of 100,000 or more. TJCSG note: NSWC Carderock and Washington Navy Yard falls under the NAVDIST Washington DC AOR.

The nearest metropolitan statistical area (MSA) is

MSA	Population
Washington, DC-MD-VA-WV PMSA	4,923,153

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

County/City	Population
Alexandria City	128283
Arlington	189453
District Of Columbia	572059
Fairfax	969749
Falls Church City	10377
Montgomery	873341
Prince George's	801515
Total	3,544,777

### Child Care

This attribute captures the number of nationally accredited child-care centers within the local community: 170

### 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)	\$57,291	Basis: MSA
Median House Value	(US Avg \$119,600)	\$161,600	
GS Locality Pay	("Rest of US" 10.9%)	14.6%	
O-3 with Dependents BAH Rate		\$2,006	
In-state Tuition for Family Member		No	

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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	733,042	7 of 7 districts
Students Enrolled	531,782	7 of 7 districts
Average Pupil/Teacher Ratio	18.5:1	7 of 7 districts
High School Students Enrolled	158,850	7 of 7 districts
Average High School Graduation Rate (US Avg 67.3%)	86.9%	7 of 7 districts
Average Composite SAT I Score (US Avg 1026)	1016	7 of 7 districts
Average ACT Score (US Avg 20.8)	99999	7 of 7 districts
Available Graduate/PhD Programs	46	
Available Colleges and/or Universities	69	
Available Vocational and/or Technical Schools	29	

## 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	2.6%	2.4%	3.1%	3.7%	3.5%
National	4.2%	4.0%	4.7%	5.8%	6.0%

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

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

	1999	2000	2001	2002	2003
Local Data	3.3%	3.0%	1.6%	.9%	1.0%
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	94,577	Basis: MSA
Vacant Sale Units	19,464	
Vacant Rental Units	29,918	

## 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	9,031	15,667	4,923,153	
Ratio	1:545	1:314		
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	4,047.1	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.

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Distance from COMNAVDIST\_WASHINGTON\_DC to nearest commercial airport: 3.7  
miles

Is COMNAVDIST\_WASHINGTON\_DC 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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## **DETROIT ARSENAL, MI**

### **Demographics**

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

MSA	Population
Detroit MSA	4,441,551

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

County/City	Population
Macomb	788149
Oakland	1194156
Wayne	2061162
Total	4,043,467

### **Child Care**

This attribute captures the number of nationally accredited child-care centers within the local community: 3

### **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)	\$49,175	Basis: MSA
Median House Value	(US Avg \$119,600)	\$132,700	
GS Locality Pay	("Rest of US" 10.9%)	18.3%	
O-3 with Dependents BAH Rate		\$1,441	
In-state Tuition for Family Member		No	
In-state Tuition Continues if Member PCSs Out of State			

### **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	135,916	1 of 1 district
Students Enrolled	135,916	1 of 1 district
Average Pupil/Teacher Ratio	20.6:1	1 of 1 district
High School Students Enrolled	38,006	1 of 1 district
Average High School Graduation Rate (US Avg 67.3%)	88.1%	1 of 1 district
Average Composite SAT I Score (US Avg 1026)	1103	1 of 1 district
Average ACT Score (US Avg 20.8)	21	1 of 1 district
Available Graduate/PhD Programs	12	
Available Colleges and/or Universities	23	
Available Vocational and/or Technical Schools	36	

## 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	3.5%	3.2%	5.1%	6.2%	7.3%
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	2.7%	1.5%	-3.0%	-4.7%	- .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	99,406	Basis: MSA
Vacant Sale Units	19,990	
Vacant Rental Units	33,942	

## 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	12,435	10,669	4,441,551	Basis: MSA
Ratio	1:357	1:416		
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	4,298.0	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 DETROIT ARSENAL to nearest commercial airport: 35.0 miles  
Is DETROIT ARSENAL 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

**SUMMARY OF SCENARIO ENVIRONMENTAL IMPACTS [TABS WORKING DRAFT]**

SCENARIO #536

TITLE: **TECH-0031 OPTIMIZE SEA VEHICLE R, D&A AND T&E**

GENERAL DESCRIPTION: This scenario proposes to consolidate and/or co-locate all Sea Vehicle RDAT&E to two primary sites while retaining small sites involved in specialized Sea Vehicle support to DDTE/OTE or specialized sites with unique facilities.

Proposal Affects the following Army installations:

1. Detroit Arsenal moves 28 personnel to a Naval Installation

ANALYST: **COL CRABTREE**

DATE: **12 FEB 2005**

Env Resource Area	<i>Losing Installation Assessment</i> Inst Name: <b>Detroit Arsenal</b>	Analyst Comments (& data source(s) that drive assessment)
Air Quality	No impact.	Impact to losing installations is considered neutral or positive for all ten environmental areas.
Cultural/ Archeological/ Tribal Resources	No impact.	
Dredging	No impact.	
Land Use Constraints/Sensitive Resources	No impact.	
Marine Mammals/ Marine Resources	No impact.	
Noise	No impact.	
Threatened & Endangered Species/ Critical Habitat	No impact.	
Waste Management	No impact.	
Water Resources	No impact.	
Wetlands	No impact.	

SUBJECT: SUMMARY OF SCENARIO ENVIRONMENTAL IMPACTS (CONTINUED); [TABS WORKING DRAFT]

SCENARIO # **536**

**IMPACTS OF COSTS**

Env Resource Area	Gaining Installation Inst Name: <b>N/A</b>	Losing Installation Inst Name: <b>Detroit Arsenal</b>
Environmental Restoration*	N/A	None.
Waste Management	N/A	None.
Environmental Compliance	N/A	None.
<b>COBRA Costs:</b>	N/A	None.



DEPARTMENT OF THE NAVY

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

23 FEBRUARY 2005

MEMORANDUM FOR CHAIR, TECHNICAL JOINT CROSS SERVICE GROUP

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

Ref: (a) Mr. James Geith email of 17 Feb 05 Re: TECH-0013(A), TECH-0005, 0006, 0031, 0042 Parts 1, 2, 9, TECH-0018 Parts 1, 2R, 3, 4 and 5

Encl: (1) SSEI for TECH-0005 (Revision)  
(2) SSEI for TECH-0006 (Revision)  
(3) SSEI for TECH-0031 (Revision)  
(4) SSEI for TECH-0042 Part I  
(5) SSEI for TECH-0042 Part II  
(6) SSEI for TECH-0042 Part IX  
(7) SSEI for TECH-0018 Part III  
(8) SSEI for TECH-0018 Part IIR  
(9) SSEI for TECH-0018 Part IV  
(10) SSEI for TECH-0018 Part V

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, Policy Memorandum Eight-Selection Criterion 8 dated 4 January 2005, and your request reference (a), enclosures (1) through (10) are provided. These SSEIs have all been revised based on information provided by the TECH JCSG that original scenario actions have been deleted or changed. TECH-0013A is still pending receipt of the certified scenario data call. The SSEI will be forwarded as soon as the data is available for analysis. TECH-0018 Part 1 does not impact any DON installations therefore no SSEI will be compiled.

Each document is 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 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.

A handwritten signature in cursive script, appearing to read "Anne Rathmell Davis".

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

## Summary of Scenario Environmental Impacts

### TECH Scenario: Revised TECH-0031 (DON Installations only)

(Actions 1-3 Deleted by TECH JCSG)

4. Realign Detroit Arsenal by relocating Sea Vehicle RDAT&E reported under Ground Vehicles from Detroit Arsenal to Naval Surface Warfare Center, Carderock Division MD
5. Realign Detroit Arsenal by relocating the Program Management function of Sea Vehicle RDAT&E reported under Ground Vehicles from Detroit Arsenal to Commander, Naval Sea Systems Command, Washington Navy Yard, Washington, DC

## General Environmental Impacts (Receiving Installations)

(DON Installations only)

<b>Environmental Resource Area</b>	<b>Naval Surface Warfare Center, Carderock, MD (Receiving Installation)</b>	<b>Washington Navy Yard Washington, DC (Receiving Installation)</b>
Air Quality	Installation is not in Attainment for all Criteria Pollutants. It is in Severe Non attainment for Ozone (1) hr..	Installation is not in Attainment for all Criteria Pollutants. It is in Severe Non attainment for Ozone (1) hr.
Cultural/ Archeological/ Tribal Resources	Archeological and historical sites exist. No impact.	Archeological and historical sites exist. No impact.
Dredging	No impact.	No impact.
Land Use Constraints/Sensitive Resource Areas	Installation has 5 unconstrained acres available for development.	Installation has 0 unconstrained acres available for development
Marine Mammals/Marine Resources/ Marine Sanctuaries	No impact.	No impact.
Noise	No impact.	No impact.
Threatened& Endangered Species/Critical Habitat	No impact.	No impact.
Waste Management	Installation does not have a permitted RCRA Treatment Storage and Disposal Facility (TSDF) or an interim or final RCRA Part X facility. No impact.	Installation does not have a permitted RCRA Treatment Storage and Disposal Facility (TSDF) or an interim or final RCRA Part X facility. No impact.
Water Resources	The installation discharges to an impaired waterway, groundwater contamination has been found	The installation discharges to an impaired waterway, groundwater contamination has been found
Wetlands	7% restricted wetlands on the auxiliary field.	0% restricted wetlands on the auxiliary field.

**Impacts of Costs (Receiving Installations)**  
(DON Installations only)

<b>Selection Criterion 8 Environmental Points</b>	<b>Naval Surface Warfare Center, Carderock, MD  (Receiving Installation)</b>	<b>Washington Navy Yard Washington, DC  (Receiving Installation)</b>
Environmental Restoration	DERA costs \$7 M thru FY03; \$5 M CTC	DERA costs \$18 M thru FY03; \$13 M CTC
Waste Management	Hazardous Waste \$38K	None
Environmental Compliance	EIS \$250K	None

[Scenario]

Version=6.07

MaxBases= 2

MaxYears=6

[Screen1]

OptionPackage=Tech 0031 Move Detroit Sea Vehicles to NDW Carderock

Department=TJCSG

StandardFactors=E:\Database\COBRA 6.07\BRAC2005.SFF

YearOne=2006

ModelDoShutDn=1

AsOfDateTime=2/25/2005 12:11:02 PM

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BaseName00=IF NSWC CARDEROCK

BaseState00=MD

CloseYear00= 0

Deactivate00=0

BaseCode01=26221

BaseName01=DETROIT/SELFRIDGE

BaseState01=MI

CloseYear01= 0

Deactivate01=0

BaseCode02=n00171

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BaseState02=DC

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Distance01-02= 534.500

[Screen3]

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Enlisted00-00in01= 0

Civilians00-00in01= 0

Students00-00in01= 0

MissionEquip00-00in01= 0.00

SupportEquip00-00in01= 0.00

LightVehicle00-00in01= 0.00

HeavyVehicle00-00in01= 0.00

Officers00-00in02= 0

Enlisted00-00in02= 0

Civilians00-00in02= 0

Students00-00in02= 0

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SupportEquip00-00in02= 0.00

LightVehicle00-00in02= 0.00

HeavyVehicle00-00in02= 0.00

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Civilians02-01in05= 0  
Students02-01in05= 0  
MissionEquip02-01in05= 0.00  
SupportEquip02-01in05= 0.00  
LightVehicle02-01in05= 0.00  
HeavyVehicle02-01in05= 0.00  
Officers02-01in06= 0  
Enlisted02-01in06= 0  
Civilians02-01in06= 0  
Students02-01in06= 0  
MissionEquip02-01in06= 0.00  
SupportEquip02-01in06= 0.00  
LightVehicle02-01in06= 0.00  
HeavyVehicle02-01in06= 0.00  
Officers02-02in01= 0  
Enlisted02-02in01= 0  
Civilians02-02in01= 0  
Students02-02in01= 0  
MissionEquip02-02in01= 0.00  
SupportEquip02-02in01= 0.00  
LightVehicle02-02in01= 0.00  
HeavyVehicle02-02in01= 0.00  
Officers02-02in02= 0  
Enlisted02-02in02= 0  
Civilians02-02in02= 0  
Students02-02in02= 0  
MissionEquip02-02in02= 0.00  
SupportEquip02-02in02= 0.00  
LightVehicle02-02in02= 0.00  
HeavyVehicle02-02in02= 0.00  
Officers02-02in03= 0  
Enlisted02-02in03= 0  
Civilians02-02in03= 0  
Students02-02in03= 0  
MissionEquip02-02in03= 0.00  
SupportEquip02-02in03= 0.00  
LightVehicle02-02in03= 0.00  
HeavyVehicle02-02in03= 0.00  
Officers02-02in04= 0

Enlisted02-02in04= 0  
Civilians02-02in04= 0  
Students02-02in04= 0  
MissionEquip02-02in04= 0.00  
SupportEquip02-02in04= 0.00  
LightVehicle02-02in04= 0.00  
HeavyVehicle02-02in04= 0.00  
Officers02-02in05= 0  
Enlisted02-02in05= 0  
Civilians02-02in05= 0  
Students02-02in05= 0  
MissionEquip02-02in05= 0.00  
SupportEquip02-02in05= 0.00  
LightVehicle02-02in05= 0.00  
HeavyVehicle02-02in05= 0.00  
Officers02-02in06= 0  
Enlisted02-02in06= 0  
Civilians02-02in06= 0  
Students02-02in06= 0  
MissionEquip02-02in06= 0.00  
SupportEquip02-02in06= 0.00  
LightVehicle02-02in06= 0.00  
HeavyVehicle02-02in06= 0.00  
[Screen4]  
TotalOff00= 5  
TotalEnl00= 0  
TotalStu00= 0  
TotalCiv00= 1671  
PercAccompNoBAH00= 0.000  
OffHousVacant00= 0  
EnlHousVacant00= 0  
StartingFacilities00= 1850.330  
OffBAH00= 2006.00  
EnlBAH00= 1415.00  
CivLocalityFactor00= 1.1460  
PerDiem00= 201.00  
FreightCost00= 0.20  
VehicShipCost00= 4.84  
SustainTotal00= 6113.129  
SustainPay00= 2190.908  
BOSNonPayroll00= 2803.026  
BOSPay00= 2343.462  
FamHous00= 0.000  
InstPRV00=380217.215  
RecapRate00= 114.000  
AreaCostFactor00= 1.020  
Latitude00= 38.999660  
Longitude00= -77.137240  
InPatCF00= 0.00

OutPatCF00= 0.00  
PrescripCF00= 0.00  
InPatActMTF00= 0  
OutPatActMTF00= 20  
PrescripActMTF00= 0  
InPatActPurch00= 27  
OutPatActPurch00= 1742  
InPatRetiree00= 0  
OutPatRetiree00= 936  
PrescripRetiree00= 0  
InPatRetiree6500= 0  
OutPatRetiree6500= 13  
PrescripRetiree6500= 0  
HAPswitch00=0  
Service00=Navy  
TotalOff01= 97  
TotalEnl01= 29  
TotalStu01= 0  
TotalCiv01= 3430  
PercAccompNoBAH01= 0.000  
OffHousVacant01= 0  
EnlHousVacant01= 0  
StartingFacilities01= 1724.000  
OffBAH01= 1441.00  
EnlBAH01= 968.00  
CivLocalityFactor01= 1.1832  
PerDiem01= 161.00  
FreightCost01= 0.33  
VehicShipCost01= 4.84  
SustainTotal01= 5095.810  
SustainPay01= 1334.860  
BOSNonPayroll01= 46353.610  
BOSPay01= 22542.550  
FamHous01= 0.000  
InstPRV01=413686.390  
RecapRate01= 103.000  
AreaCostFactor01= 1.150  
Latitude01= 42.500000  
Longitude01= -83.400000  
InPatCF01= 0.00  
OutPatCF01= 0.00  
PrescripCF01= 0.00  
InPatActMTF01= 0  
OutPatActMTF01= 0  
PrescripActMTF01= 0  
InPatActPurch01= 0  
OutPatActPurch01= 0  
InPatRetiree01= 0  
OutPatRetiree01= 0

PrescripRetiree01= 0  
InPatRetiree6501= 0  
OutPatRetiree6501= 157  
PrescripRetiree6501= 0  
HAPswitch01=0  
Service01=Army  
TotalOff02= 648  
TotalEnl02= 779  
TotalStu02= 0  
TotalCiv02= 5849  
PercAccompNoBAH02= 0.123  
OffHousVacant02= 42  
EnlHousVacant02= 197  
StartingFacilities02= 4185.353  
OffBAH02= 2006.00  
EnlBAH02= 1415.00  
CivLocalityFactor02= 1.1460  
PerDiem02= 201.00  
FreightCost02= 0.42  
VehicShipCost02= 4.84  
SustainTotal02= 12906.416  
SustainPay02= 7772.627  
BOSNonPayroll02= 47121.996  
BOSPay02= 21415.029  
FamHous02= 22135.445  
InstPRV02=863435.395  
RecapRate02= 114.000  
AreaCostFactor02= 1.020  
Latitude02= 38.900000  
Longitude02= -77.040000  
InPatCF02= 9936.59  
OutPatCF02= 111.51  
PrescripCF02= 48.49  
InPatActMTF02= 0  
OutPatActMTF02= 10379  
PrescripActMTF02= 13788  
InPatActPurch02= 92  
OutPatActPurch02= 10899  
InPatRetiree02= 0  
OutPatRetiree02= 164  
PrescripRetiree02= 745  
InPatRetiree6502= 0  
OutPatRetiree6502= 7  
PrescripRetiree6502= 84  
HAPswitch02=0  
Service02=Navy  
[Screen5]  
OneTimeUniqueCosts00in01= 0.00  
OneTimeUniqueSave00in01= 0.00

OneTimeMovingCosts00in01= 0.00  
OneTimeMovingSave00in01= 0.00  
EnvirMitigReqd00in01= 288.00  
MissionContractStart00in01= 0.00  
MissionContractTermination00in01= 0.00  
SupportContractTermination00in01= 0.00  
ActivMisCost00in01= 0.00  
ActivMisSave00in01= 0.00  
MiscRecurCost00in01= 0.00  
MiscRecurSave00in01= 0.00  
OneTimeITCost00in01= 0.00  
PercConstr00in01= 0.000  
PercShutDn00in01= 0.000  
ConAvoid00in01= 0.00  
ProAvoid00in01= 0.00  
OneTimeUniqueCosts00in02= 0.00  
OneTimeUniqueSave00in02= 0.00  
OneTimeMovingCosts00in02= 0.00  
OneTimeMovingSave00in02= 0.00  
EnvirMitigReqd00in02= 0.00  
MissionContractStart00in02= 0.00  
MissionContractTermination00in02= 0.00  
SupportContractTermination00in02= 0.00  
ActivMisCost00in02= 0.00  
ActivMisSave00in02= 0.00  
MiscRecurCost00in02= 0.00  
MiscRecurSave00in02= 0.00  
OneTimeITCost00in02= 0.00  
PercConstr00in02= 0.000  
PercShutDn00in02= 0.000  
ConAvoid00in02= 0.00  
ProAvoid00in02= 0.00  
OneTimeUniqueCosts00in03= 0.00  
OneTimeUniqueSave00in03= 0.00  
OneTimeMovingCosts00in03= 0.00  
OneTimeMovingSave00in03= 0.00  
EnvirMitigReqd00in03= 0.00  
MissionContractStart00in03= 0.00  
MissionContractTermination00in03= 0.00  
SupportContractTermination00in03= 0.00  
ActivMisCost00in03= 0.00  
ActivMisSave00in03= 0.00  
MiscRecurCost00in03= 0.00  
MiscRecurSave00in03= 0.00  
OneTimeITCost00in03= 0.00  
PercConstr00in03= 0.000  
PercShutDn00in03= 0.000  
ConAvoid00in03= 0.00  
ProAvoid00in03= 0.00

OneTimeUniqueCosts00in04= 0.00  
OneTimeUniqueSave00in04= 0.00  
OneTimeMovingCosts00in04= 0.00  
OneTimeMovingSave00in04= 0.00  
EnvirMitigReqd00in04= 0.00  
MissionContractStart00in04= 0.00  
MissionContractTermination00in04= 0.00  
SupportContractTermination00in04= 0.00  
ActivMisCost00in04= 0.00  
ActivMisSave00in04= 0.00  
MiscRecurCost00in04= 0.00  
MiscRecurSave00in04= 0.00  
OneTimeITCost00in04= 0.00  
PercConstr00in04= 0.000  
PercShutDn00in04= 0.000  
ConAvoid00in04= 0.00  
ProAvoid00in04= 0.00  
OneTimeUniqueCosts00in05= 0.00  
OneTimeUniqueSave00in05= 0.00  
OneTimeMovingCosts00in05= 0.00  
OneTimeMovingSave00in05= 0.00  
EnvirMitigReqd00in05= 0.00  
MissionContractStart00in05= 0.00  
MissionContractTermination00in05= 0.00  
SupportContractTermination00in05= 0.00  
ActivMisCost00in05= 0.00  
ActivMisSave00in05= 0.00  
MiscRecurCost00in05= 0.00  
MiscRecurSave00in05= 0.00  
OneTimeITCost00in05= 0.00  
PercConstr00in05= 0.000  
PercShutDn00in05= 0.000  
ConAvoid00in05= 0.00  
ProAvoid00in05= 0.00  
OneTimeUniqueCosts00in06= 0.00  
OneTimeUniqueSave00in06= 0.00  
OneTimeMovingCosts00in06= 0.00  
OneTimeMovingSave00in06= 0.00  
EnvirMitigReqd00in06= 0.00  
MissionContractStart00in06= 0.00  
MissionContractTermination00in06= 0.00  
SupportContractTermination00in06= 0.00  
ActivMisCost00in06= 0.00  
ActivMisSave00in06= 0.00  
MiscRecurCost00in06= 0.00  
MiscRecurSave00in06= 0.00  
OneTimeITCost00in06= 0.00  
PercConstr00in06= 0.000  
PercShutDn00in06= 0.000

ConAvoid00in06= 0.00  
ProAvoid00in06= 0.00  
MTFaction00= 0  
ShutDownKSF00= 0.000  
PercFamHousShutDn00= 0.000  
OneTimeUniqueCosts01in01= 0.00  
OneTimeUniqueSave01in01= 0.00  
OneTimeMovingCosts01in01= 0.00  
OneTimeMovingSave01in01= 0.00  
EnvirMitigReqd01in01= 0.00  
MissionContractStart01in01= 0.00  
MissionContractTermination01in01= 0.00  
SupportContractTermination01in01= 0.00  
ActivMisCost01in01= 0.00  
ActivMisSave01in01= 0.00  
MiscRecurCost01in01= 0.00  
MiscRecurSave01in01= 0.00  
OneTimeITCost01in01= 0.00  
PercConstr01in01= 0.000  
PercShutDn01in01= 0.000  
ConAvoid01in01= 0.00  
ProAvoid01in01= 0.00  
OneTimeUniqueCosts01in02= 0.00  
OneTimeUniqueSave01in02= 0.00  
OneTimeMovingCosts01in02= 0.00  
OneTimeMovingSave01in02= 0.00  
EnvirMitigReqd01in02= 0.00  
MissionContractStart01in02= 0.00  
MissionContractTermination01in02= 0.00  
SupportContractTermination01in02= 0.00  
ActivMisCost01in02= 0.00  
ActivMisSave01in02= 0.00  
MiscRecurCost01in02= 0.00  
MiscRecurSave01in02= 0.00  
OneTimeITCost01in02= 0.00  
PercConstr01in02= 0.000  
PercShutDn01in02= 0.000  
ConAvoid01in02= 0.00  
ProAvoid01in02= 0.00  
OneTimeUniqueCosts01in03= 0.00  
OneTimeUniqueSave01in03= 0.00  
OneTimeMovingCosts01in03= 0.00  
OneTimeMovingSave01in03= 0.00  
EnvirMitigReqd01in03= 0.00  
MissionContractStart01in03= 0.00  
MissionContractTermination01in03= 0.00  
SupportContractTermination01in03= 0.00  
ActivMisCost01in03= 0.00  
ActivMisSave01in03= 0.00

MiscRecurCost01in03= 0.00  
MiscRecurSave01in03= 0.00  
OneTimeITCost01in03= 0.00  
PercConstr01in03= 0.000  
PercShutDn01in03= 0.000  
ConAvoid01in03= 0.00  
ProAvoid01in03= 0.00  
OneTimeUniqueCosts01in04= 0.00  
OneTimeUniqueSave01in04= 0.00  
OneTimeMovingCosts01in04= 0.00  
OneTimeMovingSave01in04= 0.00  
EnvirMitigReqd01in04= 0.00  
MissionContractStart01in04= 0.00  
MissionContractTermination01in04= 0.00  
SupportContractTermination01in04= 0.00  
ActivMisCost01in04= 0.00  
ActivMisSave01in04= 0.00  
MiscRecurCost01in04= 0.00  
MiscRecurSave01in04= 0.00  
OneTimeITCost01in04= 0.00  
PercConstr01in04= 0.000  
PercShutDn01in04= 0.000  
ConAvoid01in04= 0.00  
ProAvoid01in04= 0.00  
OneTimeUniqueCosts01in05= 0.00  
OneTimeUniqueSave01in05= 0.00  
OneTimeMovingCosts01in05= 0.00  
OneTimeMovingSave01in05= 0.00  
EnvirMitigReqd01in05= 0.00  
MissionContractStart01in05= 0.00  
MissionContractTermination01in05= 0.00  
SupportContractTermination01in05= 0.00  
ActivMisCost01in05= 0.00  
ActivMisSave01in05= 0.00  
MiscRecurCost01in05= 0.00  
MiscRecurSave01in05= 0.00  
OneTimeITCost01in05= 0.00  
PercConstr01in05= 0.000  
PercShutDn01in05= 0.000  
ConAvoid01in05= 0.00  
ProAvoid01in05= 0.00  
OneTimeUniqueCosts01in06= 0.00  
OneTimeUniqueSave01in06= 0.00  
OneTimeMovingCosts01in06= 0.00  
OneTimeMovingSave01in06= 0.00  
EnvirMitigReqd01in06= 0.00  
MissionContractStart01in06= 0.00  
MissionContractTermination01in06= 0.00  
SupportContractTermination01in06= 0.00

ActivMisCost01in06= 0.00  
ActivMisSave01in06= 0.00  
MiscRecurCost01in06= 0.00  
MiscRecurSave01in06= 0.00  
OneTimeITCost01in06= 0.00  
PercConstr01in06= 0.000  
PercShutDn01in06= 0.000  
ConAvoid01in06= 0.00  
ProAvoid01in06= 0.00  
MTFaction01= 0  
ShutDownKSF01= 0.000  
PercFamHousShutDn01= 0.000  
OneTimeUniqueCosts02in01= 0.00  
OneTimeUniqueSave02in01= 0.00  
OneTimeMovingCosts02in01= 0.00  
OneTimeMovingSave02in01= 0.00  
EnvirMitigReqd02in01= 0.00  
MissionContractStart02in01= 0.00  
MissionContractTermination02in01= 0.00  
SupportContractTermination02in01= 0.00  
ActivMisCost02in01= 0.00  
ActivMisSave02in01= 0.00  
MiscRecurCost02in01= 0.00  
MiscRecurSave02in01= 0.00  
OneTimeITCost02in01= 0.00  
PercConstr02in01= 0.000  
PercShutDn02in01= 0.000  
ConAvoid02in01= 0.00  
ProAvoid02in01= 0.00  
OneTimeUniqueCosts02in02= 0.00  
OneTimeUniqueSave02in02= 0.00  
OneTimeMovingCosts02in02= 0.00  
OneTimeMovingSave02in02= 0.00  
EnvirMitigReqd02in02= 0.00  
MissionContractStart02in02= 0.00  
MissionContractTermination02in02= 0.00  
SupportContractTermination02in02= 0.00  
ActivMisCost02in02= 0.00  
ActivMisSave02in02= 0.00  
MiscRecurCost02in02= 0.00  
MiscRecurSave02in02= 0.00  
OneTimeITCost02in02= 0.00  
PercConstr02in02= 0.000  
PercShutDn02in02= 0.000  
ConAvoid02in02= 0.00  
ProAvoid02in02= 0.00  
OneTimeUniqueCosts02in03= 0.00  
OneTimeUniqueSave02in03= 0.00  
OneTimeMovingCosts02in03= 0.00

OneTimeMovingSave02in03= 0.00  
EnvirMitigReqd02in03= 0.00  
MissionContractStart02in03= 0.00  
MissionContractTermination02in03= 0.00  
SupportContractTermination02in03= 0.00  
ActivMisCost02in03= 0.00  
ActivMisSave02in03= 0.00  
MiscRecurCost02in03= 0.00  
MiscRecurSave02in03= 0.00  
OneTimeITCost02in03= 0.00  
PercConstr02in03= 0.000  
PercShutDn02in03= 0.000  
ConAvoid02in03= 0.00  
ProAvoid02in03= 0.00  
OneTimeUniqueCosts02in04= 0.00  
OneTimeUniqueSave02in04= 0.00  
OneTimeMovingCosts02in04= 0.00  
OneTimeMovingSave02in04= 0.00  
EnvirMitigReqd02in04= 0.00  
MissionContractStart02in04= 0.00  
MissionContractTermination02in04= 0.00  
SupportContractTermination02in04= 0.00  
ActivMisCost02in04= 0.00  
ActivMisSave02in04= 0.00  
MiscRecurCost02in04= 0.00  
MiscRecurSave02in04= 0.00  
OneTimeITCost02in04= 0.00  
PercConstr02in04= 0.000  
PercShutDn02in04= 0.000  
ConAvoid02in04= 0.00  
ProAvoid02in04= 0.00  
OneTimeUniqueCosts02in05= 0.00  
OneTimeUniqueSave02in05= 0.00  
OneTimeMovingCosts02in05= 0.00  
OneTimeMovingSave02in05= 0.00  
EnvirMitigReqd02in05= 0.00  
MissionContractStart02in05= 0.00  
MissionContractTermination02in05= 0.00  
SupportContractTermination02in05= 0.00  
ActivMisCost02in05= 0.00  
ActivMisSave02in05= 0.00  
MiscRecurCost02in05= 0.00  
MiscRecurSave02in05= 0.00  
OneTimeITCost02in05= 0.00  
PercConstr02in05= 0.000  
PercShutDn02in05= 0.000  
ConAvoid02in05= 0.00  
ProAvoid02in05= 0.00  
OneTimeUniqueCosts02in06= 0.00

OneTimeUniqueSave02in06= 0.00  
OneTimeMovingCosts02in06= 0.00  
OneTimeMovingSave02in06= 0.00  
EnvirMitigReqd02in06= 0.00  
MissionContractStart02in06= 0.00  
MissionContractTermination02in06= 0.00  
SupportContractTermination02in06= 0.00  
ActivMisCost02in06= 0.00  
ActivMisSave02in06= 0.00  
MiscRecurCost02in06= 0.00  
MiscRecurSave02in06= 0.00  
OneTimeITCost02in06= 0.00  
PercConstr02in06= 0.000  
PercShutDn02in06= 0.000  
ConAvoid02in06= 0.00  
ProAvoid02in06= 0.00  
MTFaction02= 0  
ShutDownKSF02= 0.000  
PercFamHousShutDn02= 0.000  
[Screen6]  
NonBRACOff00in01= 0  
NonBRACEnl00in01= 0  
NonBRACCiv00in01= 0  
NonBRACStu00in01= 0  
ElimOff00in01= 0  
ElimEnl00in01= 0  
ElimCiv00in01= 0  
FHPrivatize00in01= 0.000  
NonBRACOff00in02= 0  
NonBRACEnl00in02= 0  
NonBRACCiv00in02= 0  
NonBRACStu00in02= 0  
ElimOff00in02= 0  
ElimEnl00in02= 0  
ElimCiv00in02= 0  
FHPrivatize00in02= 0.000  
NonBRACOff00in03= 0  
NonBRACEnl00in03= 0  
NonBRACCiv00in03= 0  
NonBRACStu00in03= 0  
ElimOff00in03= 0  
ElimEnl00in03= 0  
ElimCiv00in03= 0  
FHPrivatize00in03= 0.000  
NonBRACOff00in04= 0  
NonBRACEnl00in04= 0  
NonBRACCiv00in04= 0  
NonBRACStu00in04= 0  
ElimOff00in04= 0

ElimEnl00in04= 0  
ElimCiv00in04= 0  
FHPrivatize00in04= 0.000  
NonBRACOff00in05= 0  
NonBRACEnl00in05= 0  
NonBRACCiv00in05= 0  
NonBRACStu00in05= 0  
ElimOff00in05= 0  
ElimEnl00in05= 0  
ElimCiv00in05= 0  
FHPrivatize00in05= 0.000  
NonBRACOff00in06= 0  
NonBRACEnl00in06= 0  
NonBRACCiv00in06= 0  
NonBRACStu00in06= 0  
ElimOff00in06= 0  
ElimEnl00in06= 0  
ElimCiv00in06= 0  
FHPrivatize00in06= 0.000  
NonBRACOff01in01= 0  
NonBRACEnl01in01= 0  
NonBRACCiv01in01= -57  
NonBRACStu01in01= 0  
ElimOff01in01= 0  
ElimEnl01in01= 0  
ElimCiv01in01= -1  
FHPrivatize01in01= 0.000  
NonBRACOff01in02= 0  
NonBRACEnl01in02= 0  
NonBRACCiv01in02= 1  
NonBRACStu01in02= 0  
ElimOff01in02= 0  
ElimEnl01in02= 0  
ElimCiv01in02= 0  
FHPrivatize01in02= 0.000  
NonBRACOff01in03= 0  
NonBRACEnl01in03= 0  
NonBRACCiv01in03= 0  
NonBRACStu01in03= 0  
ElimOff01in03= 0  
ElimEnl01in03= 0  
ElimCiv01in03= 0  
FHPrivatize01in03= 0.000  
NonBRACOff01in04= 0  
NonBRACEnl01in04= 0  
NonBRACCiv01in04= 0  
NonBRACStu01in04= 0  
ElimOff01in04= 0  
ElimEnl01in04= 0

ElimCiv01in04= 0  
FHPrivatize01in04= 0.000  
NonBRACOff01in05= 0  
NonBRACEnl01in05= 0  
NonBRACCiv01in05= 0  
NonBRACStu01in05= 0  
ElimOff01in05= 0  
ElimEnl01in05= 0  
ElimCiv01in05= 0  
FHPrivatize01in05= 0.000  
NonBRACOff01in06= 0  
NonBRACEnl01in06= 0  
NonBRACCiv01in06= 0  
NonBRACStu01in06= 0  
ElimOff01in06= 0  
ElimEnl01in06= 0  
ElimCiv01in06= 0  
FHPrivatize01in06= 0.000  
NonBRACOff02in01= -12  
NonBRACEnl02in01= 0  
NonBRACCiv02in01= -38  
NonBRACStu02in01= 0  
ElimOff02in01= 0  
ElimEnl02in01= 0  
ElimCiv02in01= 0  
FHPrivatize02in01= 0.000  
NonBRACOff02in02= -4  
NonBRACEnl02in02= -6  
NonBRACCiv02in02= -40  
NonBRACStu02in02= 0  
ElimOff02in02= 0  
ElimEnl02in02= 0  
ElimCiv02in02= 0  
FHPrivatize02in02= 0.000  
NonBRACOff02in03= -10  
NonBRACEnl02in03= -2  
NonBRACCiv02in03= -5  
NonBRACStu02in03= 0  
ElimOff02in03= 0  
ElimEnl02in03= 0  
ElimCiv02in03= 0  
FHPrivatize02in03= 0.000  
NonBRACOff02in04= -8  
NonBRACEnl02in04= 0  
NonBRACCiv02in04= -5  
NonBRACStu02in04= 0  
ElimOff02in04= 0  
ElimEnl02in04= 0  
ElimCiv02in04= 0

FHPrivatize02in04= 0.000  
 NonBRACOff02in05= 0  
 NonBRACEnl02in05= -1  
 NonBRACCiv02in05= -5  
 NonBRACStu02in05= 0

ElimOff02in05= 0  
 ElimEnl02in05= 0  
 ElimCiv02in05= 0

FHPrivatize02in05= 0.000  
 NonBRACOff02in06= 0  
 NonBRACEnl02in06= 0  
 NonBRACCiv02in06= -5  
 NonBRACStu02in06= 0

ElimOff02in06= 0  
 ElimEnl02in06= 0  
 ElimCiv02in06= 0

FHPrivatize02in06= 0.000

[Screen7]

Con00Projects=0

ConFAC00proj00=

ConNew00proj00= 0.000

ConRehab00proj00= 0.000

ConRehabType00proj00=0

ConCost00proj00= 0.000

Con01Projects=0

ConFAC01proj00=

ConNew01proj00= 0.000

ConRehab01proj00= 0.000

ConRehabType01proj00=0

ConCost01proj00= 0.000

Con02Projects=0

ConFAC02proj00=

ConNew02proj00= 0.000

ConRehab02proj00= 0.000

ConRehabType02proj00=0

ConCost02proj00= 0.000

[Screen8]

Enc00Projects=0

EncFAC00proj00=

EncQuantity00proj00= 0.000

Enc01Projects=0

EncFAC01proj00=

EncQuantity01proj00= 0.000

Enc02Projects=0

EncFAC02proj00=

EncQuantity02proj00= 0.000

[Footnotes]

Foot1Count=6

Foot1Line00=Realign Detroit Arsenal, MI, by relocating Sea Vehicle Research, Development and Acquisition, and Test

Foot1Line01=and Evaluation to Naval Surface Warfare Center Carderock Division, Bethesda, MD, and Program  
Foot1Line02=Management and Direction of Sea Vehicle Research, Development and Acquisition, and Test and  
Foot1Line03=Evaluation to Naval Sea Systems Command Washington Navy Yard, DC.  
Foot1Line04=Split Scenario into two pieces. Activities moving to NSWC Carderock and Port Hueneme moving to  
Foot1Line05=Philadelphia  
Foot3Count=6  
Foot3Line00=Moved personnel in 2008 due to MILCON per TJCSG Policy  
Foot3Line01=  
Foot3Line02=Per SDD moved 104 Civilians from Coastal Systems Station to Little Creek, VA  
Foot3Line03=Moved remaining personnel to Carderock Bethesda  
Foot3Line04=  
Foot3Line05=Did not move 8 personnel from Detroit to NAVSEA, they are part of MOA and not part of BRAC.  
Foot4Count=5  
Foot4Line00=Updated static data with Navy submission to JPAT for COBRA version 6.05  
Foot4Line01=  
Foot4Line02=SqFt 1,416,000  
Foot4Line03=Total Sustainment 3,929,000  
Foot4Line04=PRV 255,037,000  
Foot5Count=7  
Foot5Line00=Moved SDD establishment of RDT&E facilities from one time costs to MILCON  
Foot5Line01=Environmental Surveys performed in 06 to support MILCON by 08  
Foot5Line02=Applied 250K environmental Survey to MILCON in Little Creek  
Foot5Line03=Applied 38K environmental Survey to MILCON in Carderock Bethesda  
Foot5Line04=Split the 100K IT costs 50/50 between Little Creek and Bethesda Charged IT costs in 07 to support  
Foot5Line05=personnel move in 08 per TJCSG Policy  
Foot5Line06=Eliminated ALL IT expenses.  
Foot7Count=1  
Foot7Line00=Established 4 facilities listed as 1 time costs as MILCON under "Misc RDT&E Facility"



OFFICE OF THE DIRECTOR OF  
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WASHINGTON, DC 20301-3040

BRAC FOUO

MAR 11 2005

MEMORANDUM FOR CHAIRMAN, INFRASTRUCTURE STEERING GROUP

SUBJECT: Technical Joint Cross Service Group Submission of Candidate  
Recommendations for BRAC 2005 – TECH-0031

This memorandum provides a Technical Joint Cross Service Group (TJCSG) candidate recommendation documentation package to support the Department of Defense Base Realignment and Closure 2005 project. This action is required by your memorandum, subject, Submittal of BRAC 2005 Candidate Recommendations, 2 Dec 04.

The scenario entitled, Sea Vehicle Development & Acquisition, Test & Evaluation, TECH-0031, is approved for submission by the TJCSG and coordinated with the Office of the General Council staff. See attached.

Any questions your staff may have pertaining to the TJCSG recommendation may be directed to Dr. James Short at 703 696-2529, James.Short@osd.mil, Col. Robert Buckstad, 703 695-0005, Robert.Buckstad@osd.mil.

Alan R. Shaffer  
Executive Director, Technical JCSG

Attachment:  
As stated.

Coordination:

*Richard B. ... as modified 3/11/05*  
OSD Office of the General Counsel

