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DCN:11680

resulting, in a multi-functional center of excellence in the rapidly changing technology area of C4ISR.

### *Community Concerns*

There were no formal expressions from the community.

### *Commission Findings*

The Commission found no reason to disagree with the recommendation of the Secretary of Defense.

### *Commission Recommendations*

The Commission finds that the Secretary of Defense did not deviate substantially from the force-structure plan and the statutorily required military value criteria. Therefore, the Commission recommends the following: Realign Wright-Patterson Air Force Base, OH, Maxwell Air Force Base, AL, and Lackland Air Force Base, TX, by relocating Air & Space Information Systems Research and Development & Acquisition to Hanscom Air Force Base, MA. Realign Eglin Air Force Base, FL, by relocating Air & Space Sensors, Electronic Warfare & Electronics and Information Systems Test & Evaluation to Edwards Air Force Base, CA. All elements within the original Department of Defense recommendation remain unchanged by the Commission.

*6/2/04*  
**Recommendation #: 180**

**TECH-7**

**Title of Recommendation: Consolidate Ground Vehicle Development & Acquisition in a Joint Center**

**# of Elements in Recommendation:**

**One-time Cost:** \$3.8 million

**Savings (FY2006 thru FY2011):** cost of \$1.9 million

**Return on Investment:** annual savings: \$1.9 million (payback expected in 2 years)

**FINAL ACTION:**

### *Secretary of Defense Recommendation*

Realign Redstone Arsenal, Huntsville, AL, by relocating the joint robotics program development and acquisition activities to Detroit Arsenal, Warren, MI, and consolidating them with the Program Executive Office Ground Combat Systems, Program Executive Office Combat Support and Combat Service Support and Tank Automotive Research Development Engineering Center. Realign the USMC Direct Reporting Program Manager Advanced Amphibious Assault (DRPM AAA) facilities in Woodbridge, VA, by relocating the Ground Forces initiative D&A activities to Detroit Arsenal, Warren, MI.

### *Secretary of Defense Justification*

This recommendation consolidates those USMC and Army facilities that are primarily focused on ground vehicle activities in development and acquisition (D&A) at Detroit Arsenal in Warren, MI, to increase joint activity in ground vehicle development & acquisition. The D&A being consolidated is centered on manned and unmanned ground vehicle program management. In Operation Enduring Freedom (OEF) and Operation Iraqi Freedom (OIF), effectiveness in combat depends heavily on "jointness," or how well the different branches of our military can communicate and coordinate their efforts on the battlefield. This collection of D&A expertise will not only foster a healthy mix of ideas, but will increase the ground vehicle community's ability to develop the kinds of capabilities that can position us for the future as well as adapt quickly to new challenges and to unexpected circumstances. The ability to adapt is critical where surprise and uncertainty are the defining characteristics of the new threats.

The Joint Center for Ground Vehicle D&A located at Detroit Arsenal will be the Department of Defense's premier facility for ground vehicle D&A. Detroit Arsenal is located in southeastern Michigan where the Research and Development headquarters reside for General Motors, Ford, Chrysler, General Dynamics Land Systems, Toyota-North America, Nissan-North America, Hino, Hyundai, Suzuki, Visteon, Delphi, Johnson Controls, Dana, and many others. The synergies gained from having a critical mass located in southeastern Michigan, and being able to leverage the world's intellectual capital for automotive/ground vehicle Research and Development & Acquisition, will ensure the Department is prepared to meet the future demands.

The end state of this recommendation is to consolidate Department of Defense expertise in Ground Vehicle D&A activities at Detroit Arsenal. It promotes jointness, enables technical synergy, and positions the Department of Defense to exploit a center-of-mass of scientific, technical, and acquisition expertise with the personnel involved in ground vehicle Research, Development & Acquisition that currently resides at Detroit Arsenal.

### *Community Concerns*

There were no formal expressions from the community.

### *Commission Findings*

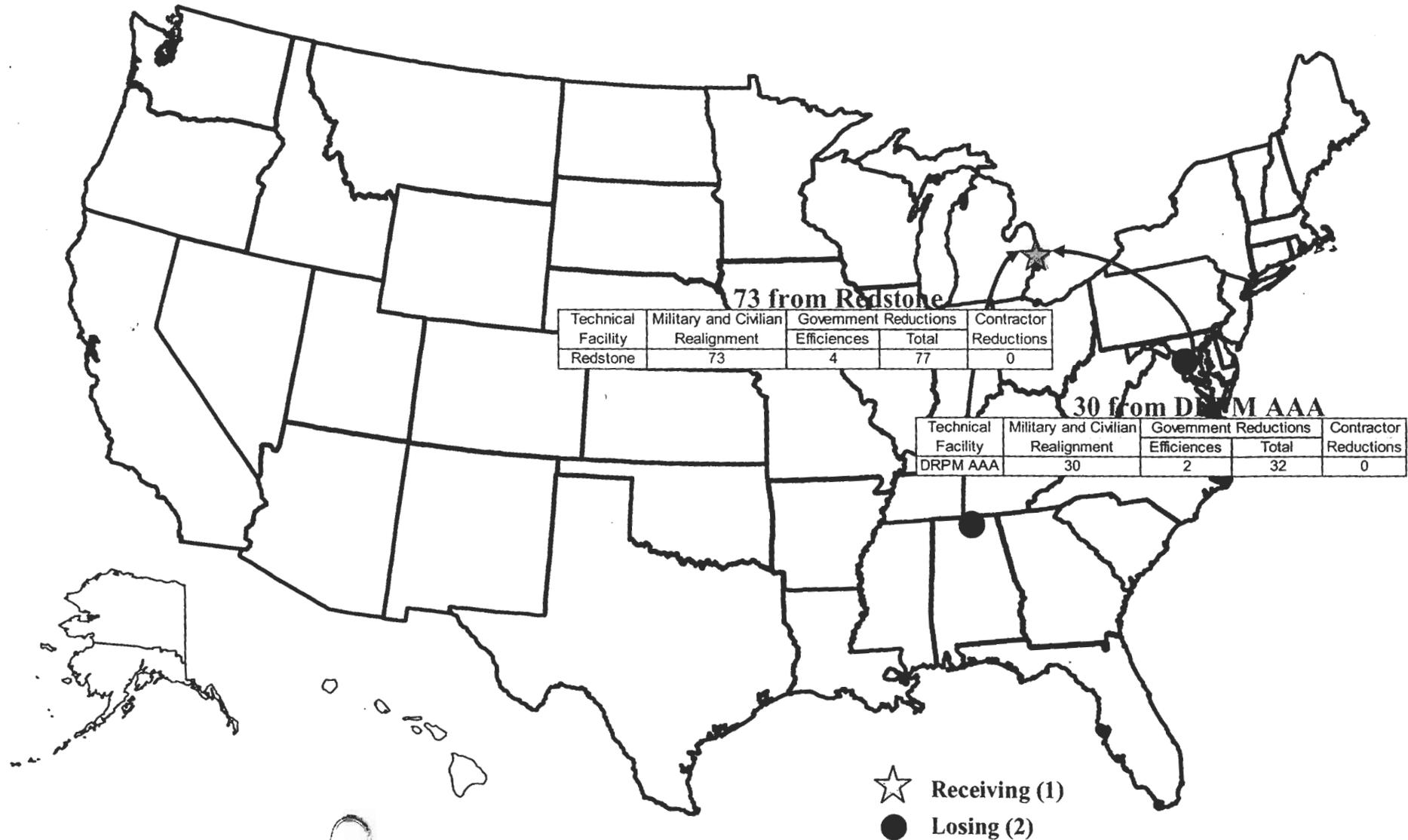
The Commission found no reason to disagree with the recommendation of the Secretary of Defense.

### *Commission Recommendations*

The Commission finds that the Secretary of Defense did not deviate substantially from the force-structure plan and the statutorily required military value criteria. Therefore, the Commission recommends the following: Realign Redstone Arsenal, Huntsville, AL, by relocating the joint robotics program development and acquisition activities to Detroit Arsenal, Warren, MI, and consolidating them with the Program Executive Office Ground Combat Systems, Program Executive Office Combat Support and Combat Service Support and Tank Automotive Research Development Engineering Center. Realign the USMC Direct Reporting Program Manager



# Consolidate Ground Vehicle D&A in a Joint Center



Technical Cross-Service Recommendations

**COMMUNITY CONCERNS BY RECOMMENDATION**

**#180 Consolidate Ground Vehicle Development & Acquisition in a Joint Center**

Redstone Arsenal Community

The community states program management and acquisition of all unmanned systems is currently assigned to Redstone Arsenal, and that assigning the combat vehicle work to Detroit Arsenal would destroy an already collaborative working relationship. The community stated that their robotics systems include three major components, the vehicle, the payload and controls to make the unmanned vehicle perform its mission. They state that because Redstone is the recognized leader in the integration of all unmanned systems, vehicle development work should be retained at Redstone. The community stated the vehicle work is already aligned for management purposes under the program executive office for ground combat systems at Detroit Arsenal. They state that several unmanned systems companies have established themselves within the Redstone community and that moving the vehicle work to Detroit would have a far reaching adverse impact the synergies gained from these working relationships and it was unclear how the relocation would increase military value when compared with the current workload arrangement. Further they believe that moving the vehicle development and acquisition work to Detroit would produce a negative return on investment.

Detroit Arsenal and U.S. Marine Corps Direct Reporting Program Manager Advanced Amphibious Assault Communities

There were no formal expressions from these communities.

**CONSOLIDATE GROUND VEHICLE DEVELOPMENT & ACQUISITION IN A JOINT CENTER**

**Tech - 7**

**REDSTONE ARSENAL, AL**

**REALIGN**

Out		In		Net Gain/(Loss)		Net Mission Contractor	Total Direct
Mil	Civ	Mil	Civ	Mil	Civ		
(4)	(73)	0	0	(4)	(73)	0	(77)

*1/11/11  
ADD CIVIL  
TARGET*

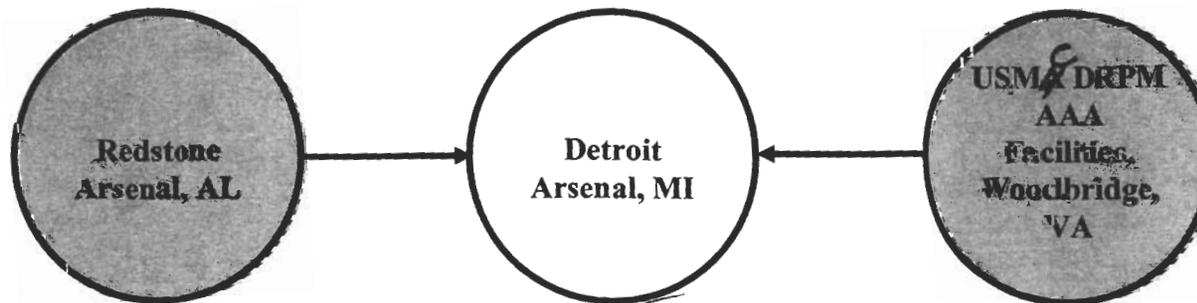
**USMC DRPM AAA FACILITIES, WOODBRIDGE, VA**

**REALIGN**

Out		In		Net Gain/(Loss)		Net Mission Contractor	Total Direct
Mil	Civ	Mil	Civ	Mil	Civ		
0	(32)	0	0	0	(32)	0	(32)

**Recommendation:** Realign Redstone Arsenal, Huntsville, AL, by relocating the joint robotics program development and acquisition activities to Detroit Arsenal, Warren, MI, and consolidating them with the Program Executive Office Ground Combat Systems, Program Executive Office Combat Support and Combat Service Support and Tank Automotive Research Development Engineering Center.

**Recommendation:** Realign the USMC Direct Reporting Program Manager Advanced Amphibious Assault (DRPM AAA) facilities in Woodbridge, VA, by relocating the Ground Forces initiative D&A activities to Detroit Arsenal, Warren, MI.



*Tom Mathis  
586-574-5802  
Point paper on transfer*

DCN:11680

*DON  
original*

Department : Technical JCSG  
 Scenario File : E:\Database\COBRA Database\TECH-0013\Tech 0013 resbaseline\Tech 0013 Environmental\No RIA\Some Woodbridge to Detroit\Corrected 6.10\TECH-0013 COBRA Input (6.10) 04292005.CBR  
 Option Pkg Name: Establish Joint Centers for Land Vehicles R, D&A, and T&E  
 Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

Starting Year : 2006  
 Final Year : 2011  
 Payback Year : 2013 (2 Years)

NPV in 2025(\$K): -17,107  
 1-Time Cost(\$K): 3,767

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	0	0	518	247	25	69	859	102
Overhd	51	38	81	172	-347	-2,012	-2,018	-2,024
Moving	0	0	1,821	1,052	0	0	2,873	0
Missio	0	0	0	0	0	0	0	0
Other	0	0	117	90	-10	-9	188	-10
<b>TOTAL</b>	<b>51</b>	<b>38</b>	<b>2,538</b>	<b>1,560</b>	<b>-332</b>	<b>-1,952</b>	<b>1,902</b>	<b>-1,932</b>

	2006	2007	2008	2009	2010	2011	Total	
	----	----	----	----	----	----	----	-----
<b>POSITIONS ELIMINATED</b>								
Off	0	0	0	0	0	1	1	
Enl	0	0	0	0	0	0	0	
Civ	0	0	3	2	0	0	5	
<b>TOT</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>6</b>	

<b>POSITIONS REALIGNED</b>								
Off	0	0	3	0	0	0	3	
Enl	0	0	0	0	0	0	0	
Stu	0	0	0	0	0	0	0	
Civ	0	0	70	30	0	0	100	
<b>TOT</b>	<b>0</b>	<b>0</b>	<b>73</b>	<b>30</b>	<b>0</b>	<b>0</b>	<b>103</b>	

*101  
102  
204*

Summary:

Realign Redstone Arsenal, Huntsville AL, by relocating the joint robotics program development and Acquisition activities to Detroit Arsenal, Warren, MI, and consolidate them with the Program Executive Office

Ground Combat Systems, Program Executive Office Combat Support and Combat Service Support and Tank Automotive Research Development Engineering Center. Realign the USMC Ground Forces initiative D&A activities at Direct Reporting Program Manager Advanced Amphibious Assault (DRPM AAA) facilities in Woodbridge, VA, by relocating to Detroit Arsenal, Warren, MI [source file 3].

CDR MCB Quantico USMC Marine Corps System Command (MARCORSYSCOM) was excluded after it was determined that proposed action actions would have a serious and detrimental impact on the overall effectiveness and its acquisition, sustainment and life cycle management mission [source file 3].

*Similar to  
RAD's findings  
argument*

Rock Island Arsenal Rock Island Arsenal for Development & Acquisition was not included because the FTEs they reported were less than 30 FTEs [source file 4].

USMC DRPM AAAA detachment located at Camp Pendleton, though reported as doing D&A, the work they are actually engaged in is performing test in actual conditions (i.e., in the ocean surf, on-load and off-load from amphibious shipping at sea, etc.), performing Developmental Testing (DT) and Operational Testing (OT), and integration testing with sea/ground/air elements while interfacing with their user [source file 3].

File from DON (source file 2) revising data input to reflect 30 Marine billets moving to Detroit in accordance with a TJCSG deliberative decision on 1 Mar 05.

Source files

1. TECH-0013a\_USA\_3Feb\_2005 Army Completed
2. TECH 0013\_USN,DRPM\_AAA and Response from DDC1533, 04 Jan
3. TJCSG meeting minutes 1 Mar 05
4. TJCSG meeting minutes 9 Nov 04
5. TJCSG meeting minutes 28 Feb 05
6. Army TABS Letter 18 Oct 04 subject: Utility Facility Analysis Categories (FAC)
7. E-mail message, 8 Mar 05, subject: TECH-0013 [response to

COBRA Version 6.07 was used for the COBRA runs in the scenario version that was briefed to the ISG.

Department : Technical JCSG  
 Scenario File : E:\Database\COBRA Database\TECH-0013\Tech 0013 resbaseline\Tech 0013 Environmental\No RIA\Some Woodbridge to Detroit\Corrected 6.10\TECH-0013 COBRA Input (6.10) 04292005.CBR  
 Option Pkg Name: Establish Joint Centers for Land Vehicles R, D&A, and T&E  
 Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

Costs in 2005 Constant Dollars (\$K)								
	2006	2007	2008	2009	2010	2011	Total	Beyond
	----	----	----	----	----	----	-----	-----
MilCon	0	0	0	0	0	0	0	0
Person	0	0	641	538	386	503	2,068	599
Overhd	51	38	274	365	360	366	1,454	354
Moving	0	0	1,833	1,052	0	0	2,885	0
Missio	0	0	0	0	0	0	0	0
Other	0	0	117	90	-10	-9	188	-10
<b>TOTAL</b>	<b>51</b>	<b>38</b>	<b>2,866</b>	<b>2,045</b>	<b>735</b>	<b>859</b>	<b>6,595</b>	<b>942</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	0	0	123	292	360	434	1,209	496
Overhd	0	0	193	193	707	2,378	3,472	2,378
Moving	0	0	12	0	0	0	12	0
Missio	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
<b>TOTAL</b>	<b>0</b>	<b>0</b>	<b>328</b>	<b>485</b>	<b>1,068</b>	<b>2,812</b>	<b>4,693</b>	<b>2,874</b>

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Department : Technical JCSG  
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 Woodbridge to Detroit\Corrected 6.10\TECH-0013 COBRA Input (6.10) 04292005.CBR  
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 Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

(All values in 2005 Constant Dollars)

Category	Cost	Sub-Total
-----	----	-----
Construction		
Military Construction	0	
Total - Construction		0
Personnel		
Civilian RIF	349,493	
Civilian Early Retirement	97,108	
Eliminated Military PCS	10,477	
Unemployment	26,706	
Total - Personnel		483,784
Overhead		
Program Management Cost	166,647	
Support Contract Termination	0	
Mothball / Shutdown	2,250	
Total - Overhead		168,897
Moving		
Civilian Moving	2,744,460	
Civilian PPP	70,992	
Military Moving	12,777	
Freight	41,067	
Information Technologies	16,200	
One-Time Moving Costs	0	
Total - Moving		2,885,496
Other		
HAP / RSE	128,557	
Environmental Mitigation Costs	100,000	
Mission Contract Startup and Termination	0	
One-Time Unique Costs	0	
Total - Other		228,557
-----		
Total One-Time Costs		3,766,733
-----		
One-Time Savings		
Military Construction Cost Avoidances	0	
Military Moving	12,565	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	
-----		
Total One-Time Savings		12,565
-----		
Total Net One-Time Costs		3,754,168

DCN:11680

COBRA ONE-TIME COST REPORT (COBRA v6.10) - Page 2/4

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 Option Pkg Name: Establish Joint Centers for Land Vehicles R, D&A, and T&E  
 Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

Base: DRPM AAA, VA (M48396)  
 (All values in 2005 Constant Dollars)

Category	Cost	Sub-Total
-----	----	-----
Construction		
Military Construction	0	
Total - Construction		0
Personnel		
Civilian RIF	118,657	
Civilian Early Retirement	24,784	
Eliminated Military PCS	0	
Unemployment	8,902	
Total - Personnel		152,344
Overhead		
Program Management Cost	0	
Support Contract Termination	0	
Mothball / Shutdown	0	
Total - Overhead		0
Moving		
Civilian Moving	1,000,387	
Civilian PPP	35,496	
Military Moving	0	
Freight	11,501	
Information Technologies	4,600	
One-Time Moving Costs	0	
Total - Moving		1,051,984
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		1,204,328
-----		-----
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		1,204,328

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COBRA ONE-TIME COST REPORT (COBRA v6.10) - Page 3/4  
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 Option Pkg Name: Establish Joint Centers for Land Vehicles R, D&A, and T&E  
 Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

Base: REDSTONE, AL (01750)  
 (All values in 2005 Constant Dollars)

Category	Cost	Sub-Total
Construction		
Military Construction	0	
Total - Construction		0
Personnel		
Civilian RIF	230,835	
Civilian Early Retirement	72,323	
Eliminated Military PCS	10,477	
Unemployment	17,804	
Total - Personnel		331,440
Overhead		
Program Management Cost	166,647	
Support Contract Termination	0	
Mothball / Shutdown	2,250	
Total - Overhead		168,897
Moving		
Civilian Moving	1,744,073	
Civilian PPP	35,496	
Military Moving	12,777	
Freight	29,565	
Information Technologies	11,600	
One-Time Moving Costs	0	
Total - Moving		1,833,511
Other		
HAP / RSE	128,557	
Environmental Mitigation Costs	0	
Mission Contract Startup and Termination	0	
One-Time Unique Costs	0	
Total - Other		128,557
Total One-Time Costs		2,462,405
One-Time Savings		
Military Construction Cost Avoidances	0	
Military Moving	12,565	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	
Total One-Time Savings		12,565
Total Net One-Time Costs		2,449,840

Department : Technical JCSG  
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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	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	100,000	
Mission Contract Startup and Termination	0	
One-Time Unique Costs	0	
Total - Other		100,000
-----		-----
Total One-Time Costs		100,000
-----		-----
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		100,000

COBRA TOTAL PERSONNEL SUMMARY REPORT (COBRA v6.10)

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Department : Technical JCSG  
 Scenario File : E:\Database\COBRA Database\TECH-0013\Tech 0013 resbaseline\Tech 0013 Environmental\No RIA\Some Woodbridge to Detroit\Corrected 6.10\TECH-0013 COBRA Input (6.10) 04292005.CBR  
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 Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

TOTAL SCENARIO POPULATION (FY 2005):

Officers	Enlisted	Students	Civilians
420	571	934	15,040

TOTAL PROGRAMMED INSTALLATION (NON-BRAC) CHANGES, ENTIRE SCENARIO:

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0
Students	-3	-42	0	0	0	0	-45
Civilians	-146	-12	0	0	0	0	-158
TOTAL	-149	-54	0	0	0	0	-203

TOTAL SCENARIO POPULATION (FY 2005, Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
420	571	889	14,882

TOTAL PERSONNEL REALIGNMENTS, ENTIRE SCENARIO):

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	3	0	0	0	3
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	0	0	70	30	0	0	100
TOTAL	0	0	73	30	0	0	103

TOTAL SCENARIO POSITION CHANGES, ENTIRE SCENARIO:

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	0	-1	-1
Enlisted	0	0	0	0	0	0	0
Civilians	0	0	-3	-2	0	3	-2
TOTAL	0	0	-3	-2	0	2	-3

TOTAL SCENARIO POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
419	571	889	14,880

Department : Technical JCSG  
 Scenario File : E:\Database\COBRA Database\TECH-0013\Tech 0013 resbaseline\Tech 0013 Environmental\No RIA\Some  
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PERSONNEL SUMMARY FOR: DRPM AAA, VA (M48396)

BASE POPULATION (FY 2005, Prior to BRAC Action) FOR: DRPM AAA, VA (M48396)

Officers	Enlisted	Students	Civilians
19	40	0	154

PERSONNEL REALIGNMENTS:

To 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	0	0	0	30	0	0	30
TOTAL	0	0	0	30	0	0	30

TOTAL PERSONNEL REALIGNMENTS (Out of DRPM AAA, VA (M48396)):

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

SCENARIO POSITION CHANGES FOR: DRPM AAA, VA (M48396)

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

BASE POPULATION (After BRAC Action) FOR: DRPM AAA, VA (M48396)

Officers	Enlisted	Students	Civilians
19	40	0	122

PERSONNEL SUMMARY FOR: REDSTONE, AL (01750)

BASE POPULATION (FY 2005):

Officers	Enlisted	Students	Civilians
304	502	934	11,456

PROGRAMMED INSTALLATION (NON-BRAC) CHANGES FOR: REDSTONE, AL (01750)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0
Students	-3	-42	0	0	0	0	-45
Civilians	-89	-13	0	0	0	0	-102
TOTAL	-92	-55	0	0	0	0	-147

BASE POPULATION (Prior to BRAC Action) FOR: REDSTONE, AL (01750)

Officers	Enlisted	Students	Civilians
304	502	889	11,354

Department : Technical JCSG  
 Scenario File : E:\Database\COBRA Database\TECH-0013\Tech 0013 resbaseline\Tech 0013 Environmental\No RIA\Some Woodbridge to Detroit\Corrected 6.10\TECH-0013 COBRA Input (6.10) 04292005.CBR  
 Option Pkg Name: Establish Joint Centers for Land Vehicles R, D&A, and T&E  
 Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

PERSONNEL REALIGNMENTS:

To Base: DETROIT/SELFRIDGE, MI (26221)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	3	0	0	0	3
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	0	0	70	0	0	0	70
TOTAL	0	0	73	0	0	0	73

TOTAL PERSONNEL REALIGNMENTS (Out of REDSTONE, AL (01750)):

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	3	0	0	0	3
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	0	0	70	0	0	0	70
TOTAL	0	0	73	0	0	0	73

SCENARIO POSITION CHANGES FOR: REDSTONE, AL (01750)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	0	-1	-1
Enlisted	0	0	0	0	0	0	0
Civilians	0	0	-3	0	0	0	-3
TOTAL	0	0	-3	0	0	-1	-4

BASE POPULATION (After BRAC Action) FOR: REDSTONE, AL (01750)

Officers	Enlisted	Students	Civilians
300	502	889	11,281

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:

From Base: DRPM AAA, VA (M48396)

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

Department : Technical JCSG  
 Scenario File : E:\Database\COBRA Database\TECH-0013\Tech 0013 resbaseline\Tech 0013 Environmental\No RIA\Some Woodbridge to Detroit\Corrected 6.10\TECH-0013 COBRA Input (6.10) 04292005.CBR  
 Option Pkg Name: Establish Joint Centers for Land Vehicles R, D&A, and T&E  
 Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

From Base: REDSTONE, AL (01750)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	3	0	0	0	3
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	0	0	70	0	0	0	70
TOTAL	0	0	73	0	0	0	73

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

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	3	0	0	0	3
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	0	0	70	30	0	0	100
TOTAL	0	0	73	30	0	0	103

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	0	0	0	0	0	3	3
TOTAL	0	0	0	0	0	3	3

*should be officers  
 moving to 2011  
 not Civilian*

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

Officers	Enlisted	Students	Civilians
100	29	0	3,477

COBRA ECONOMIC IMPACT REPORT (COBRA v6.10)

Data As Of 4/29/2005 12:10:26 PM, Report Created 4/29/2005 12:10:29 PM

Department : Technical JCSG  
 Scenario File : E:\Database\COBRA Database\TECH-0013\Tech 0013 resbaseline\Tech 0013 Environmental\No RIA\Some Woodbridge to Detroit\Corrected 6.10\TECH-0013 COBRA Input (6.10) 04292005.CBR  
 Option Pkg Name: Establish Joint Centers for Land Vehicles R, D&A, and T&E  
 Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

DRPM AAA, VA (M48396)	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	0	0	0	0	0	0	0
Jobs Lost-Civ	0	0	0	32	0	0	32
NET CHANGE-Civ	0	0	0	-32	0	0	-32
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

REDSTONE, AL (01750)	2006	2007	2008	2009	2010	2011	Total
Jobs Gained-Mil	0	0	0	0	0	0	0
Jobs Lost-Mil	0	0	3	0	0	1	4
NET CHANGE-Mil	0	0	-3	0	0	-1	-4
Jobs Gained-Civ	0	0	0	0	0	0	0
Jobs Lost-Civ	0	0	73	0	0	0	73
NET CHANGE-Civ	0	0	-73	0	0	0	-73
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	3	0	0	0	3
Jobs Lost-Mil	0	0	0	0	0	0	0
NET CHANGE-Mil	0	0	3	0	0	0	3
Jobs Gained-Civ	0	0	70	30	0	3	103
Jobs Lost-Civ	0	0	0	0	0	0	0
NET CHANGE-Civ	0	0	70	30	0	3	103
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

DCN:11680

**SCENARIO ERROR REPORT (COBRA v6.10)**

Data As Of 4/29/2005 12:10:26 PM, Report Created 4/29/2005 12:10:29 PM

Department : Technical JCSG  
Scenario File : E:\Database\COBRA Database\TECH-0013\Tech 0013 resbaseline\Tech 0013 Environmental\No RIA\Some  
Woodbridge to Detroit\Corrected 6.10\TECH-0013 COBRA Input (6.10) 04292005.CBR  
Option Pkg Name: Establish Joint Centers for Land Vehicles R, D&A, and T&E  
Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

SCENARIO DATA:

"Technical JCSG" is not a recognized Department.

COBRA INPUT DATA REPORT (COBRA v6.10)

Data As Of 4/29/2005 12:10:26 PM, Report Created 4/29/2005 12:10:29 PM

Department : Technical JCSG  
 Scenario File : E:\Database\COBRA Database\TECH-0013\Tech 0013 resbaseline\Tech 0013 Environmental\No RIA\Some Woodbridge to Detroit\Corrected 6.10\TECH-0013 COBRA Input (6.10) 04292005.CBR  
 Option Pkg Name: Establish Joint Centers for Land Vehicles R, D&A, and T&E  
 Std Fctrs File : E:\Database\COBRA 6.10\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:
-----	-----
DRPM AAA, VA (M48396)	Realignment
REDSTONE, AL (01750)	Realignment
DETROIT/SELFRIDGE, MI (26221)	Realignment

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

Point A:	Point B:	Distance:
-----	-----	-----
DRPM AAA, VA (M48396)	DETROIT/SELFRIDGE, MI (26221)	546 mi
REDSTONE, AL (01750)	DETROIT/SELFRIDGE, MI (26221)	629 mi

INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from DRPM AAA, VA (M48396) to DETROIT/SELFRIDGE, MI (26221)

	2006	2007	2008	2009	2010	2011
	----	----	----	----	----	----
Officer Positions:	0	0	0	0	0	0
Enlisted Positions:	0	0	0	0	0	0
Civilian Positions:	0	0	0	30	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 REDSTONE, AL (01750) to DETROIT/SELFRIDGE, MI (26221)

	2006	2007	2008	2009	2010	2011
	----	----	----	----	----	----
Officer Positions:	0	0	3	0	0	0
Enlisted Positions:	0	0	0	0	0	0
Civilian Positions:	0	0	70	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 : Technical JCSG  
Scenario File : E:\Database\COBRA Database\TECH-0013\Tech 0013 resbaseline\Tech 0013 Environmental\No RIA\Some  
Woodbridge to Detroit\Corrected 6.10\TECH-0013 COBRA Input (6.10) 04292005.CBR  
Option Pkg Name: Establish Joint Centers for Land Vehicles R, D&A, and T&E  
Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

INPUT SCREEN FOUR - STATIC BASE INFORMATION

*907213 → 32 impacted by Dec to 15 added*

Name: DRPM AAA, VA (M48396)

Total Officer Employees:	19	Base Service (for BOS/Sust):	Marines
Total Enlisted Employees:	40	Total Sustainment(\$K/Year):	0
Total Student Employees:	0	Sustain Payroll (\$K/Year):	0
Total Civilian Employees:	154	BOS Non-Payroll (\$K/Year):	0
Accomp Mil not Receiving BAH:	0.0%	BOS Payroll (\$K/Year):	0
Officer Housing Units Avail:	0	Family Housing (\$K/Year):	0
Enlisted Housing Units Avail:	0	Installation PRV(\$K):	0
Starting Facilities(KSF):	0	Svc/Agcy Recap Rate (Years):	86
Officer BAH (\$/Month):	1,542	Homeowner Assistance Program:	No
Enlisted BAH (\$/Month):	1,079		
Civ Locality Pay Factor:	1.147	TRICARE	In-Pat Out-Pat
Area Cost Factor:	0.92		Admits Visits Prescrip
Per Diem Rate (\$/Day):	123	CostFactor	7,030.00 96.00 0.00
Freight Cost (\$/Ton/Mile):	0.48	Actv MTF	0 0 0
Vehicle Cost (\$/Lift/Mile):	4.84	Actv Purch	0 0 0
Latitude:	38.683300	Retiree	0 0 0
Longitude:	-77.305200	Retiree65+	0 0 0

Name: REDSTONE, AL (01750)

Total Officer Employees:	304	Base Service (for BOS/Sust):	Army
Total Enlisted Employees:	502	Total Sustainment(\$K/Year):	32,505
Total Student Employees:	934	Sustain Payroll (\$K/Year):	2,171
Total Civilian Employees:	11,456	BOS Non-Payroll (\$K/Year):	52,009
Accomp Mil not Receiving BAH:	27.5%	BOS Payroll (\$K/Year):	34,847
Officer Housing Units Avail:	68	Family Housing (\$K/Year):	1,554
Enlisted Housing Units Avail:	240	Installation PRV(\$K):	3,043,214
Starting Facilities(KSF):	11,688	Svc/Agcy Recap Rate (Years):	103
Officer BAH (\$/Month):	933	Homeowner Assistance Program:	Yes
Enlisted BAH (\$/Month):	674		
Civ Locality Pay Factor:	1.115	TRICARE	In-Pat Out-Pat
Area Cost Factor:	0.85		Admits Visits Prescrip
Per Diem Rate (\$/Day):	106	CostFactor	4,106.00 94.00 22.21
Freight Cost (\$/Ton/Mile):	0.33	Actv MTF	0 53,942 43,513
Vehicle Cost (\$/Lift/Mile):	4.84	Actv Purch	324 15,108
Latitude:	34.616667	Retiree	0 38,847 149,850
Longitude:	-86.666667	Retiree65+	0 2,106 128,575

Department : Technical JCSG  
 Scenario File : E:\Database\COBRA Database\TECH-0013\Tech 0013 resbaseline\Tech 0013 Environmental\No RIA\Some  
 Woodbridge to Detroit\Corrected 6.10\TECH-0013 COBRA Input (6.10) 04292005.CBR  
 Option Pkg Name: Establish Joint Centers for Land Vehicles R, D&A, and T&E  
 Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

INPUT SCREEN FOUR - STATIC BASE INFORMATION

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:	1.183	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 0
Latitude:	42.500000	Retiree	0 0 0
Longitude:	-83.400000	Retiree65+	0 157 0

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: DRPM AAA, VA (M48396)

	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	514	2,182
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%

$$213 \times 160 \times 37.29 =$$

$$213 \times 160 \times 28.28 =$$

1270,843  
 963,782  
 -----  
 223,4625

Department : Technical JCSG  
 Scenario File : E:\Database\COBRA Database\TECH-0013\Tech 0013 resbaseline\Tech 0013 Environmental\No RIA\Some Woodbridge to Detroit\Corrected 6.10\TECH-0013 COBRA Input (6.10) 04292005.CBR  
 Option Pkg Name: Establish Joint Centers for Land Vehicles R, D&A, and T&E  
 Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: REDSTONE, AL (01750)

	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):			5	FH ShDn:	0.000%

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	100	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 : Technical JCSG  
 Scenario File : E:\Database\COBRA Database\TECH-0013\Tech 0013 resbaseline\Tech 0013 Environmental\No RIA\Some  
 Woodbridge to Detroit\Corrected 6.10\TECH-0013 COBRA Input (6.10) 04292005.CBR  
 Option Pkg Name: Establish Joint Centers for Land Vehicles R, D&A, and T&E  
 Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

INPUT SCREEN SIX - BASE PERSONNEL INFORMATION

Name: DRPM AAA, VA (M48396)

	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	-2	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:	0	0	0	0	0	0
Stu Prog nonBRAC Change:	0	0	0	0	0	0
Prog FH Privatization:	0%	0%	0%	0%	0%	0%

INPUT SCREEN SIX - BASE PERSONNEL INFORMATION

Name: REDSTONE, AL (01750)

	2006	2007	2008	2009	2010	2011
Off Scenario Change:	0	0	0	0	0	-1
Enl Scenario Change:	0	0	0	0	0	0
Civ Scenario Change:	0	0	-3	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:	-89	-13	0	0	0	0
Stu Prog nonBRAC Change:	-3	-42	0	0	0	0
Prog FH Privatization:	0%	100%	0%	0%	0%	0%

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:	0	0	0	0	0	3
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%

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 : Technical JCSG  
 Scenario File : E:\Database\COBRA Database\TECH-0013\Tech 0013 resbaseline\Tech 0013 Environmental\No RIA\Some  
 Woodbridge to Detroit\Corrected 6.10\TECH-0013 COBRA Input (6.10) 04292005.CBR  
 Option Pkg Name: Establish Joint Centers for Land Vehicles R, D&A, and T&E  
 Std Fctrs File : E:\Database\COBRA 6.10\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:	2.80%	

STANDARD FACTORS SCREEN THREE - TRANSPORTATION

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

Department : Technical JCSG  
Scenario File : E:\Database\COBRA Database\TECH-0013\Tech 0013 resbaseline\Tech 0013 Environmental\No RIA\Some  
Woodbridge to Detroit\Corrected 6.10\TECH-0013 COBRA Input (6.10) 04292005.CBR  
Option Pkg Name: Establish Joint Centers for Land Vehicles R, D&A, and T&E  
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## FOOTNOTES FOR SCREEN ONE

=====  
Realign Redstone Arsenal, Huntsville AL, by relocating the joint robotics program development and Acquisition activities to Detroit Arsenal, Warren, MI, and consolidate them with the Program Executive Office Ground Combat Systems, Program Executive Office Combat Support and Combat Service Support and Tank Automotive Research Development Engineering Center. Realign the USMC Ground Forces initiative D&A activities at Direct Reporting Program Manager Advanced Amphibious Assault (DRPM AAA) facilities in Woodbridge, VA, by relocating to Detroit Arsenal, Warren, MI [source file 3].

CDR MCB Quantico USMC Marine Corps System Command (MARCORSYSCOM) was excluded after it was determined that proposed action actions would have a serious and detrimental impact on the overall effectiveness and its acquisition, sustainment and life cycle management mission [source file 3].

Rock Island Arsenal Rock Island Arsenal for Development & Acquisition was not included because the FTEs they reported were less than 30 FTEs [source file 4].

USMC DRPM AAA detachment located at Camp Pendleton, though reported as doing D&A, the work they are actually engaged in is performing test in actual conditions (i.e., in the ocean surf, on-load and off-load from amphibious shipping at sea, etc.), performing Developmental Testing (DT) and Operational Testing (OT), and integration testing with sea/ground/air elements while interfacing with their user [source file 3].

File from DON (source file 2) revising data input to reflect 30 Marine billets moving to Detroit in accordance with a TJCSG deliberative decision on 1 Mar 05.

## Source files

1. TECH-0013a\_USA\_3Feb\_2005 Army Completed
2. TECH\_0013\_USN,DRPM\_AAA and Response from DDC1533, 04 Jan
3. TJCSG meeting minutes 1 Mar 05
4. TJCSG meeting minutes 9 Nov 04
5. TJCSG meeting minutes 28 Feb 05
6. Army TABS Letter 18 Oct 04 subject: Utility Facility Analysis Categories (FAC)
7. E-mail message, 8 Mar 05, subject: TECH-0013 [response to TJCSG 7 Mar 05 Telecon Minutes Questions]

COBRA Version 6.07 was used for the COBRA runs in the scenario version that was briefed to the ISG.

## FOOTNOTES FOR SCREEN THREE

=====  
Applied reduction of 15% of all ACOB personnel at all donor locations [source file 3]. This was only applied to DRPM AAA office because Redstone did not report ACOB personnel. To accomplish this objective of moving 30 billets in accordance with the TJCSG deliberative decision the total number of 32 billets were included in the COBRA calculations.

Source File 3 & 5 - The TJCSG deliberative decision that Redstone Arsenal personnel to move in FY08 and DRPM AAA personnel move in FY 09 was approved 28 Feb 05. A TJCSG deliberative decision to revise the number of DRPM AAA personnel to move 30 Marine billets to Detroit Arsenal was approved on 1 Mar 05.

## FOOTNOTES FOR SCREEN FIVE

=====  
Source file 1. One time unique cost of \$4779K for utilities and one time IT costs of \$979K were disallowed. These costs were generated by the need for new MILCON by the Army TABS Office RPLANS program that determines utility facility requirements [source file 6]. This tool was developed to determine the additional one-time costs associated with the added utility infrastructure required to support new MILCON. Since there was no new MILCON required at Detroit Arsenal these costs were disallowed [source file 3].

Department : Technical JCSG  
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Option Pkg Name: Establish Joint Centers for Land Vehicles R, D&A, and T&E  
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Entered estimated leased savings per TJCSG estimate 160 SF per person and NCR \$37.29/SF.  
Entered estimated Force Protection savings at 160 SF per Person \$28.28/SF [source file 3].

*Entered as recurring savings  
↓  
Does savings and recurring  
AT/FPS hand  
at the desk*

Eliminated Cost and Savings associated with Robotics Program as it is program related and no delta change due to BRAC [source file 3].

FOOTNOTES FOR SCREEN SEVEN

All new MILCON at Detroit Arsenal was disallowed on the following basis:

Historically, in 1996 (not a peak year, but used to frame the problem) Detroit Arsenal (TACOM-Warren) had 3,767 civilians and 143 military on its roles. According to the June 2004 Civilian Personnel Structure at Selected Bases/Activities (Professional, Administrative and Technical Occupations) it shows Detroit Arsenal as having 3,287 civilians on board [1,344 Prof, 1,704 Admin and 239 Tech], and probably somewhere around 119 military. Between 1996 and 2004 none of the general purpose administration buildings at Detroit Arsenal were demolished. Based upon these number there is a reduction of 504 people.

If we look at the data for Bldgs 200A (129.8 KSF), 229 (162.3 KSF), 230 (198 KSF) and 231 (183.7 KSF) reported under TECH-0045 for Detroit Arsenal (included in source file 1), and applying an 85% utilization factor (research capacity responses, though limited, indicated more of a 70% utilization factor) would equate to 101.1 KSF of available general purpose administration floor space. If you apply the 160 SF/person TJCSG assumption to the 103 folks proposed to be relocated, assuming no loss of personnel due to other proposed BRAC actions, would equate to ~16,480 SF of floor space required. Since these four buildings are considered condition code green there is not a need for refurbishment.

Mathematically, excess capacity exists within Detroit Arsenal to accommodate the personnel proposed to be moved under TECH-0013 [source file 7]

*Handwritten calculations:*  
 $30 \times 160 \text{ SF} + 37.29 = 178,772$   
 $30 \times 160 \text{ SF} + 28.28 = 135,244$   
 $314,636$   
 $11,293$   
 $90,496$

*Handwritten calculation:*  
 $223,740$   
 $169,680$   
 $53,420$

*Handwritten calculation:*  
 $32 \times 160 \times 37.29 = 190,924$   
*Recurring savings*

*Should be allowed recurring savings*

*30 transfer & elimination*

*Should be considered AT/FPS*

*Handwritten calculation:*  
 $32 \times 160 \times 28.28 = 144,794$

Department : Technical JCSG  
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Base	Personnel			
	Start*	Finish*	Change	%Change
DRPM AAA	213	181	-32	-15%
REDSTONE	13,049	12,972	-77	-1%
DETROIT/SELFRIDGE	3,500	3,606	106	3%
TOTAL	16,762	16,759	-3	0%

Base	Square Footage				
	Start	Finish	Change	%Change	Chg/Per
DRPM AAA	0	0	0	0%	0
REDSTONE	11,688,000	11,683,000	-5,000	0%	65
DETROIT/SELFRIDGE	1,724,000	1,724,000	0	0%	0
TOTAL	13,412,000	13,407,000	-5,000	0%	1,667

Base	Base Operations Support (2005\$)				
	Start*	Finish*	Change	%Change	Chg/Per
DRPM AAA	0	0	0	0%	0
REDSTONE	51,684,595	51,514,383	-170,211	0%	2,210
DETROIT/SELFRIDGE	46,166,702	46,520,496	353,793	1%	3,338
TOTAL	97,851,297	98,034,879	183,582	0%	-61,194

Base	Sustainment (2005\$)				
	Start	Finish	Change	%Change	Chg/Per
DRPM AAA	0	0	0	0%	0
REDSTONE	30,333,914	30,320,937	-12,976	0%	168
DETROIT/SELFRIDGE	3,760,948	3,760,948	0	0%	0
TOTAL	34,094,862	34,081,885	-12,976	0%	4,325

Base	Recapitalization (2005\$)				
	Start	Finish	Change	%Change	Chg/Per
DRPM AAA	0	0	0	0%	0
REDSTONE	29,545,768	29,533,128	-12,639	0%	164
DETROIT/SELFRIDGE	4,016,373	4,016,373	0	0%	0
TOTAL	33,562,141	33,549,501	-12,639	0%	4,213

Base	Sustain + Recap + BOS (2005\$)				
	Start	Finish	Change	%Change	Chg/Per
DRPM AAA	0	0	0	0%	0
REDSTONE	111,564,277	111,368,449	-195,827	0%	2,543
DETROIT/SELFRIDGE	53,944,023	54,297,816	353,793	1%	3,338
TOTAL	165,508,300	165,666,266	157,966	0%	-52,655

DCN:11680

COBRA PERSONNEL/SF/SUSTAINMENT/RECAP/BOS DELTAS REPORT (COBRA v6.10) - Page 2  
Data As Of 4/29/2005 12:10:26 PM, Report Created 4/29/2005 12:10:29 PM

Department : Technical JCSG  
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Option Pkg Name: Establish Joint Centers for Land Vehicles R, D&A, and T&E  
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Base	Plant Replacement Value (2005\$)				
	Start	Finish	Change	%Change	Chg/Per
DRPM AAA	0	0	0	0%	0
REDSTONE	3,043,214,095	3,041,912,241	-1,301,854	0%	16,907
DETROIT/SELFRIDGE	413,686,389	413,686,389	0	0%	0
TOTAL	3,456,900,484	3,455,598,630	-1,301,854	0%	433,951

DCN:11680

COBRA PERSONNEL/SF/SUSTAINMENT/RECAP/BOS DELTAS REPORT (COBRA v6.10) - Page 3  
Data As Of 4/29/2005 12:10:26 PM, Report Created 4/29/2005 12:10:29 PM

Department : Technical JCSG  
Scenario File : E:\Database\COBRA Database\TECH-0013\Tech 0013 resbaseline\Tech 0013 Environmental\No RIA\Some  
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\* "Start" and "Finish" values for Personnel and BOS both include the Programmed  
Installation Population (non-BRAC) Changes, so that only changes attributable  
to the BRAC action are reflected in the "Change" columns of this report.

Department : Technical JCSG  
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 Woodbridge to Detroit\Corrected 6.10\TECH-0013 COBRA Input (6.10) 04292005.CBR  
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ONE-TIME COSTS	2006	2007	2008	2009	2010	2011	Total
-----(\$K)-----	----	----	----	----	----	----	-----
CONSTRUCTION							
MILCON	0	0	0	0	0	0	0
O&M							
CIV SALARY							
Civ RIF	0	0	231	119	0	0	349
Civ Retire	0	0	72	25	0	0	97
CIV MOVING							
Per Diem	0	0	281	117	0	0	398
POV Miles	0	0	7	2	0	0	9
Home Purch	0	0	688	507	0	0	1,195
HHG	0	0	190	74	0	0	263
Misc	0	0	55	23	0	0	78
House Hunt	0	0	183	75	0	0	257
PPP	0	0	35	35	0	0	71
RITA	0	0	340	203	0	0	543
FREIGHT							
Packing	0	0	4	1	0	0	5
Freight	0	0	26	10	0	0	36
Vehicles	0	0	0	0	0	0	0
Unemployment	0	0	18	9	0	0	27
OTHER							
Info Tech	0	0	12	5	0	0	16
Prog Manage	51	38	28	21	16	12	167
Supt Contrac	0	0	0	0	0	0	0
Mothball	0	0	2	0	0	0	2
1-Time Move	0	0	0	0	0	0	0
MIL PERSONNEL							
MIL MOVING							
Per Diem	0	0	1	0	0	0	1
POV Miles	0	0	0	0	0	0	0
HHG	0	0	8	0	0	0	8
Misc	0	0	3	0	0	0	3
OTHER							
Elim PCS	0	0	0	0	0	10	10
OTHER							
HAP / RSE	0	0	128	0	0	1	128
Environmental	0	0	0	100	0	0	100
Miscn Contract	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0
TOTAL ONE-TIME	51	38	2,313	1,326	16	23	3,767

Department : Technical JCSG  
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 Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

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	0	0	244	344	344	354	1,285	354
Civ Salary	0	0	285	351	351	458	1,446	564
TRICARE	0	0	-10	-10	-10	-10	-41	-10
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	34	34	34	34	138	34
OTHER								
Mission Activ	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	553	719	719	836	2,828	942
TOTAL COST	51	38	2,866	2,045	735	859	6,595	942
ONE-TIME SAVES	2006	2007	2008	2009	2010	2011	Total	
-----(\$K)-----	----	----	----	----	----	----	-----	
CONSTRUCTION								
MILCON	0	0	0	0	0	0	0	
O&M								
1-Time Move	0	0	0	0	0	0	0	
MIL PERSONNEL								
Mil Moving	0	0	12	0	0	0	12	
OTHER								
Environmental	0	0	0	0	0	0	0	
1-Time Other	0	0	0	0	0	0	0	
TOTAL ONE-TIME	0	0	12	0	0	0	12	
RECURRINGSAVES	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	13	13	13	13	51	13
Recap	0	0	12	12	12	13	50	13
BOS	0	0	168	168	168	170	674	170
Civ Salary	0	0	100	269	338	338	1,046	338
MIL PERSONNEL								
Off Salary	0	0	0	0	0	62	62	125
Enl Salary	0	0	0	0	0	0	0	0
House Allow	0	0	22	22	22	33	101	33
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	514	2,182	2,696	2,182
TOTAL RECUR	0	0	316	485	1,068	2,812	4,681	2,874
TOTAL SAVINGS	0	0	328	485	1,068	2,812	4,693	2,874

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 Std Fctrs File : E:\Database\COBRA 6.10\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	0	0	303	143	0	0	447	
Civ Moving	0	0	1,809	1,047	0	0	2,856	
Info Tech	0	0	12	5	0	0	16	
Other	51	38	48	30	16	12	196	
MIL PERSONNEL								
Mil Moving	0	0	0	0	0	10	11	
OTHER								
HAP / RSE	0	0	128	0	0	1	128	
Environmental	0	0	0	100	0	0	100	
Misn Contract	0	0	0	0	0	0	0	
1-Time Other	0	0	0	0	0	0	0	
TOTAL ONE-TIME	51	38	2,300	1,326	16	23	3,654	
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	-13	-13	-13	-13	-51	-13
Recap	0	0	-12	-12	-12	-13	-50	-13
BOS	0	0	76	176	176	183	611	183
Civ Salary	0	0	185	82	13	120	400	226
TRICARE	0	0	-10	-10	-10	-10	-41	-10
MIL PERSONNEL								
Mil Salary	0	0	0	0	0	-62	-62	-125
House Allow	0	0	12	12	12	1	37	1
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	-514	-2,182	-2,696	-2,182
TOTAL RECUR	0	0	237	234	-348	-1,976	-1,852	-1,932
TOTAL NET COST	51	38	2,538	1,560	-332	-1,952	1,902	-1,932

Department : Technical JCSG  
 Scenario File : E:\Database\COBRA Database\TECH-0013\Tech 0013 resbaseline\Tech 0013 Environmental\No RIA\Some  
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 Option Pkg Name: Establish Joint Centers for Land Vehicles R, D&A, and T&E  
 Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

Base: DRPM AAA, VA (M48396)	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	119	0	0	119
Civ Retire	0	0	0	25	0	0	25
CIV MOVING							
Per Diem	0	0	0	117	0	0	117
POV Miles	0	0	0	2	0	0	2
Home Purch	0	0	0	507	0	0	507
HHG	0	0	0	74	0	0	74
Misc	0	0	0	23	0	0	23
House Hunt	0	0	0	75	0	0	75
PPP	0	0	0	35	0	0	35
RITA	0	0	0	203	0	0	203
FREIGHT							
Packing	0	0	0	1	0	0	1
Freight	0	0	0	10	0	0	10
Vehicles	0	0	0	0	0	0	0
Unemployment	0	0	0	9	0	0	9
OTHER							
Info Tech	0	0	0	5	0	0	5
Prog Manage	0	0	0	0	0	0	0
Supt Contract	0	0	0	0	0	0	0
Mothball	0	0	0	0	0	0	0
1-Time Move	0	0	0	0	0	0	0
MIL PERSONNEL							
MIL MOVING							
Per Diem	0	0	0	0	0	0	0
POV Miles	0	0	0	0	0	0	0
HHG	0	0	0	0	0	0	0
Misc	0	0	0	0	0	0	0
OTHER							
Elim PCS	0	0	0	0	0	0	0
OTHER							
HAP / RSE	0	0	0	0	0	0	0
Environmental	0	0	0	0	0	0	0
Misc Contract	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0
TOTAL ONE-TIME	0	0	0	1,204	0	0	1,204

Department : Technical JCSG  
 Scenario File : E:\Database\COBRA Database\TECH-0013\Tech 0013 resbaseline\Tech 0013 Environmental\No RIA\Some Woodbridge to Detroit\Corrected 6.10\TECH-0013 COBRA Input (6.10) 04292005.CBR  
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Base: DRPM AAA, VA (M48396)	2006	2007	2008	2009	2010	2011	Total	Beyond
RECURRINGCOSTS								
----(\$K)----	----	----	----	----	----	----	-----	-----
O&M								
Sustainment	0	0	0	0	0	0	0	0
Recap	0	0	0	0	0	0	0	0
BOS	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
TRICARE	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Off Salary	0	0	0	0	0	0	0	0
Enl Salary	0	0	0	0	0	0	0	0
House Allow	0	0	0	0	0	0	0	0
OTHER								
Mission Activ	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	0	0	0	0	0	0
TOTAL COSTS	0	0	0	1,204	0	0	1,204	0
ONE-TIME SAVES	2006	2007	2008	2009	2010	2011	Total	
----(\$K)----	----	----	----	----	----	----	-----	
CONSTRUCTION								
MILCON	0	0	0	0	0	0	0	
O&M								
1-Time Move	0	0	0	0	0	0	0	
MIL PERSONNEL								
Mil Moving	0	0	0	0	0	0	0	
OTHER								
Environmental	0	0	0	0	0	0	0	
1-Time Other	0	0	0	0	0	0	0	
TOTAL ONE-TIME	0	0	0	0	0	0	0	
RECURRINGSAVES	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	0	0	0	69	137	137	344	137
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	514	2,182	2,696	2,182
TOTAL RECUR	0	0	0	69	651	2,319	3,040	2,319
TOTAL SAVINGS	0	0	0	69	651	2,319	3,040	2,319

2182  
 191  
 -----  
 1991

Department : Technical JCSG  
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Base: DRPM AAA, VA (M48396)								
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	143	0	0	143	
Civ Moving	0	0	0	1,047	0	0	1,047	
Info Tech	0	0	0	5	0	0	5	
Other	0	0	0	9	0	0	9	
<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	
l-Time Other	0	0	0	0	0	0	0	
<b>TOTAL ONE-TIME</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,204</b>	<b>0</b>	<b>0</b>	<b>1,204</b>	
<b>RECURRING NET</b>								
-----(\$K)-----	2006	2007	2008	2009	2010	2011	Total	Beyond
-----	----	----	----	----	----	----	-----	-----
<b>FAM HOUSE OPS</b>								
O&M								
Sustainment	0	0	0	0	0	0	0	0
Recap	0	0	0	0	0	0	0	0
BOS	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	-69	-137	-137	-344	-137
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	-514	-2,182	-2,696	-2,182
<b>TOTAL RECUR</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>-69</b>	<b>-651</b>	<b>-2,319</b>	<b>-3,040</b>	<b>-2,319</b>
<b>TOTAL NET COST</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,135</b>	<b>-651</b>	<b>-2,319</b>	<b>-1,835</b>	<b>-2,319</b>

Department : Technical JCSG  
 Scenario File : E:\Database\COBRA Database\TECH-0013\Tech 0013 resbaseline\Tech 0013 Environmental\No RIA\Some Woodbridge to Detroit\Corrected 6.10\TECH-0013 COBRA Input (6.10) 04292005.CBR  
 Option Pkg Name: Establish Joint Centers for Land Vehicles R, D&A, and T&E  
 Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

Base: REDSTONE, AL (01750)	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	231	0	0	0	231
Civ Retire	0	0	72	0	0	0	72
CIV MOVING							
Per Diem	0	0	281	0	0	0	281
POV Miles	0	0	7	0	0	0	7
Home Purch	0	0	688	0	0	0	688
HHG	0	0	190	0	0	0	190
Misc	0	0	55	0	0	0	55
House Hunt	0	0	183	0	0	0	183
PPP	0	0	35	0	0	0	35
RITA	0	0	340	0	0	0	340
FREIGHT							
Packing	0	0	4	0	0	0	4
Freight	0	0	26	0	0	0	26
Vehicles	0	0	0	0	0	0	0
Unemployment	0	0	18	0	0	0	18
OTHER							
Info Tech	0	0	12	0	0	0	12
Prog Manage	51	38	28	21	16	12	167
Supt Contrac	0	0	0	0	0	0	0
Mothball	0	0	2	0	0	0	2
1-Time Move	0	0	0	0	0	0	0
MIL PERSONNEL							
MIL MOVING							
Per Diem	0	0	1	0	0	0	1
POV Miles	0	0	0	0	0	0	0
HHG	0	0	8	0	0	0	8
Misc	0	0	3	0	0	0	3
OTHER							
Elim PCS	0	0	0	0	0	10	10
OTHER							
HAP / RSE	0	0	128	0	0	1	128
Environmental	0	0	0	0	0	0	0
Misc Contract	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0
TOTAL ONE-TIME	51	38	2,313	21	16	23	2,462

Department : Technical JCSG  
 Scenario File : E:\Database\COBRA Database\TECH-0013\Tech 0013 resbaseline\Tech 0013 Environmental\No RIA\Some  
 Woodbridge to Detroit\Corrected 6.10\TECH-0013 COBRA Input (6.10) 04292005.CBR  
 Option Pkg Name: Establish Joint Centers for Land Vehicles R, D&A, and T&E  
 Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

Base: REDSTONE, AL (01750)								
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	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
TRICARE	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Off Salary	0	0	0	0	0	0	0	0
Enl Salary	0	0	0	0	0	0	0	0
House Allow	0	0	0	0	0	0	0	0
OTHER								
Mission Activ	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	0	0	0	0	0	0
TOTAL COSTS	51	38	2,313	21	16	23	2,462	0
ONE-TIME SAVES	2006	2007	2008	2009	2010	2011	Total	
-----(\$K)-----	----	----	----	----	----	----	-----	
CONSTRUCTION								
MILCON	0	0	0	0	0	0	0	
O&M								
1-Time Move	0	0	0	0	0	0	0	
MIL PERSONNEL								
Mil Moving	0	0	12	0	0	0	12	
OTHER								
Environmental	0	0	0	0	0	0	0	
1-Time Other	0	0	0	0	0	0	0	
TOTAL ONE-TIME	0	0	12	0	0	0	12	
RECURRINGSAVES	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	13	13	13	13	51	13
Recap	0	0	12	12	12	13	50	13
BOS	0	0	168	168	168	170	674	170
Civ Salary	0	0	100	200	200	200	702	200
MIL PERSONNEL								
Off Salary	0	0	0	0	0	62	62	125
Enl Salary	0	0	0	0	0	0	0	0
House Allow	0	0	22	22	22	33	101	33
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission Activ	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	316	416	416	492	1,641	555
TOTAL SAVINGS	0	0	328	416	416	492	1,653	555

Department : Technical JCSG  
 Scenario File : E:\Database\COBRA Database\TECH-0013\Tech 0013 resbaseline\Tech 0013 Environmental\No RIA\Some  
 Woodbridge to Detroit\Corrected 6.10\TECH-0013 COBRA Input (6.10) 04292005.CBR  
 Option Pkg Name: Establish Joint Centers for Land Vehicles R, D&A, and T&E  
 Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

Base: REDSTONE, AL (01750)								
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	303	0	0	0	303	
Civ Moving	0	0	1,809	0	0	0	1,809	
Info Tech	0	0	12	0	0	0	12	
Other	51	38	48	21	16	12	187	
<b>MIL PERSONNEL</b>								
Mil Moving	0	0	0	0	0	10	11	
<b>OTHER</b>								
HAP / RSE	0	0	128	0	0	1	128	
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>51</b>	<b>38</b>	<b>2,300</b>	<b>21</b>	<b>16</b>	<b>23</b>	<b>2,450</b>	
<b>RECURRING NET</b>								
----- (\$K) -----	-----	-----	-----	-----	-----	-----	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
<b>O&amp;M</b>								
Sustainment	0	0	-13	-13	-13	-13	-51	-13
Recap	0	0	-12	-12	-12	-13	-50	-13
BOS	0	0	-168	-168	-168	-170	-674	-170
Civ Salary	0	0	-100	-200	-200	-200	-702	-200
TRICARE	0	0	0	0	0	0	0	0
<b>MIL PERSONNEL</b>								
Mil Salary	0	0	0	0	0	-62	-62	-125
House Allow	0	0	-22	-22	-22	-33	-101	-33
<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>0</b>	<b>0</b>	<b>-316</b>	<b>-416</b>	<b>-416</b>	<b>-492</b>	<b>-1,641</b>	<b>-555</b>
<b>TOTAL NET COST</b>	<b>51</b>	<b>38</b>	<b>1,984</b>	<b>-395</b>	<b>-400</b>	<b>-469</b>	<b>809</b>	<b>-555</b>

Department : Technical JCSG  
 Scenario File : E:\Database\COBRA Database\TECH-0013\Tech 0013 resbaseline\Tech 0013 Environmental\No RIA\Some  
 Woodbridge to Detroit\Corrected 6.10\TECH-0013 COBRA Input (6.10) 04292005.CBR  
 Option Pkg Name: Establish Joint Centers for Land Vehicles R, D&A, and T&E  
 Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

Base: DETROIT/SELFRIEDGE, MI (26221)

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 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	100	0	0	100
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	100	0	0	100

Department : Technical JCSG  
 Scenario File : E:\Database\COBRA Database\TECH-0013\Tech 0013 resbaseline\Tech 0013 Environmental\No RIA\Some Woodbridge to Detroit\Corrected 6.10\TECH-0013 COBRA Input (6.10) 04292005.CBR  
 Option Pkg Name: Establish Joint Centers for Land Vehicles R, D&A, and T&E  
 Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

Base: DETROIT/SELFRIDGE, MI (26221)

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	0	0	244	344	344	354	1,285	354
Civ Salary	0	0	285	351	351	458	1,446	564
TRICARE	0	0	-10	-10	-10	-10	-41	-10
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	34	34	34	34	138	34
OTHER								
Mission Activ	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	553	719	719	836	2,828	942
TOTAL COSTS	0	0	553	819	719	836	2,928	942

ONE-TIME SAVES	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	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	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Off Salary	0	0	0	0	0	0	0	0
Enl Salary	0	0	0	0	0	0	0	0
House Allow	0	0	0	0	0	0	0	0
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission Activ	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	0	0	0	0	0	0
TOTAL SAVINGS	0	0	0	0	0	0	0	0

Department : Technical JCSG  
 Scenario File : E:\Database\COBRA Database\TECH-0013\Tech 0013 resbaseline\Tech 0013 Environmental\No RIA\Some Woodbridge to Detroit\Corrected 6.10\TECH-0013 COBRA Input (6.10) 04292005.CBR  
 Option Pkg Name: Establish Joint Centers for Land Vehicles R, D&A, and T&E  
 Std Fctrs File : E:\Database\COBRA 6.10\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	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	100	0	0	100	
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>	<b>0</b>	<b>0</b>	<b>100</b>	<b>0</b>	<b>0</b>	<b>100</b>	
<b>RECURRING NET</b>								
-----(\$K)-----	2006	2007	2008	2009	2010	2011	Total	Beyond
	----	----	----	----	----	----	-----	-----
<b>FAM HOUSE OPS</b>								
O&M								
Sustainment	0	0	0	0	0	0	0	0
Recap	0	0	0	0	0	0	0	0
BOS	0	0	244	344	344	354	1,285	354
Civ Salary	0	0	285	351	351	458	1,446	564
TRICARE	0	0	-10	-10	-10	-10	-41	-10
<b>MIL PERSONNEL</b>								
Mil Salary	0	0	0	0	0	0	0	0
House Allow	0	0	34	34	34	34	138	34
<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>0</b>	<b>0</b>	<b>553</b>	<b>719</b>	<b>719</b>	<b>836</b>	<b>2,828</b>	<b>942</b>
<b>TOTAL NET COST</b>	<b>0</b>	<b>0</b>	<b>553</b>	<b>819</b>	<b>719</b>	<b>836</b>	<b>2,928</b>	<b>942</b>

DCN:11680

TOTAL COBRA MILITARY CONSTRUCTION ASSETS REPORT (COBRA v6.10)

Data As Of 4/29/2005 12:10:26 PM, Report Created 4/29/2005 12:10:29 PM

Department : Technical JCSG  
Scenario File : E:\Database\COBRA Database\TECH-0013\Tech 0013 resbaseline\Tech 0013 Environmental\No RIA\Some  
Woodbridge to Detroit\Corrected 6.10\TECH-0013 COBRA Input (6.10) 04292005.CBR  
Option Pkg Name: Establish Joint Centers for Land Vehicles R, D&A, and T&E  
Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

All values in 2005 Constant Dollars

Base Name	Total MilCon*	Milcon Cost Avoidance	Total Net Costs
DRPM AAA	0	0	0
REDSTONE	0	0	0
DETROIT/SELFRIDGE	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 v6.10)

Data As Of 4/29/2005 12:10:26 PM, Report Created 4/29/2005 12:10:29 PM

Department : Technical JCSG  
 Scenario File : E:\Database\COBRA Database\TECH-0013\Tech 0013 resbaseline\Tech 0013 Environmental\No RIA\Some  
 Woodbridge to Detroit\Corrected 6.10\TECH-0013 COBRA Input (6.10) 04292005.CBR  
 Option Pkg Name: Establish Joint Centers for Land Vehicles R, D&A, and T&E  
 Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

Year	Cost(\$)	Adjusted Cost(\$)	NPV(\$)
----	-----	-----	-----
2006	50,682	49,987	49,987
2007	38,011	36,469	86,456
2008	2,537,746	2,368,456	2,454,912
2009	1,560,287	1,416,539	3,871,451
2010	-332,218	-293,396	3,578,055
2011	-1,952,541	-1,677,406	1,900,649
2012	-1,932,057	-1,614,599	286,050
2013	-1,932,057	-1,570,622	-1,284,572
2014	-1,932,057	-1,527,842	-2,812,414
2015	-1,932,057	-1,486,228	-4,298,642
2016	-1,932,057	-1,445,747	-5,744,390
2017	-1,932,057	-1,406,369	-7,150,758
2018	-1,932,057	-1,368,063	-8,518,821
2019	-1,932,057	-1,330,800	-9,849,622
2020	-1,932,057	-1,294,553	-11,144,175
2021	-1,932,057	-1,259,293	-12,403,468
2022	-1,932,057	-1,224,993	-13,628,461
2023	-1,932,057	-1,191,627	-14,820,088
2024	-1,932,057	-1,159,171	-15,979,259
2025	-1,932,057	-1,127,598	-17,106,857

DCN:11680

COBRA SUSTAINMENT/RECAP/BOS/HOUSING CHANGE REPORT (COBRA v6.10)

Data As Of 4/29/2005 12:10:26 PM, Report Created 4/29/2005 12:10:29 PM

Department : Technical JCSG  
 Scenario File : E:\Database\COBRA Database\TECH-0013\Tech 0013 resbaseline\Tech 0013 Environmental\No RIA\Some Woodbridge to Detroit\Corrected 6.10\TECH-0013 COBRA Input (6.10) 04292005.CBR  
 Option Pkg Name: Establish Joint Centers for Land Vehicles R, D&A, and T&E  
 Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

Net Change(\$K)	2006	2007	2008	2009	2010	2011	Total	Beyond
Sustain Change	0	0	-13	-13	-13	-13	-51	-13
Recap Change	0	0	-12	-12	-12	-13	-50	-13
BOS Change	0	0	76	176	176	183	611	183
Housing Change	0	0	0	0	0	0	0	0
<b>TOTAL CHANGES</b>	<b>0</b>	<b>0</b>	<b>50</b>	<b>150</b>	<b>150</b>	<b>158</b>	<b>509</b>	<b>158</b>

DRPM AAA, VA (M48396)

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	0	0	0	0	0	0	0	0
Housing Change	0	0	0	0	0	0	0	0
<b>TOTAL CHANGES</b>	<b>0</b>							

REDSTONE, AL (01750)

Net Change(\$K)	2006	2007	2008	2009	2010	2011	Total	Beyond
Sustain Change	0	0	-13	-13	-13	-13	-51	-13
Recap Change	0	0	-12	-12	-12	-13	-50	-13
BOS Change	0	0	-168	-168	-168	-170	-674	-170
Housing Change	0	0	0	0	0	0	0	0
<b>TOTAL CHANGES</b>	<b>0</b>	<b>0</b>	<b>-193</b>	<b>-193</b>	<b>-193</b>	<b>-196</b>	<b>-776</b>	<b>-196</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	0	0	244	344	344	354	1,285	354
Housing Change	0	0	0	0	0	0	0	0
<b>TOTAL CHANGES</b>	<b>0</b>	<b>0</b>	<b>244</b>	<b>344</b>	<b>344</b>	<b>354</b>	<b>1,285</b>	<b>354</b>

Department : Technical JCSG  
 Scenario File : E:\Database\COBRA Database\TECH-0013\Tech 0013 resbaseline\Tech 0013 Environmental\No RIA\Some Woodbridge to Detroit\Corrected 6.10\TECH-0013 COBRA Input (6.10) 04292005.CBR  
 Option Pkg Name: Establish Joint Centers for Land Vehicles R, D&A, and T&E  
 Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

	Rate	2006	2007	2008	2009	2010	2011	Total
	----	----	----	----	----	----	----	----
CIVILIAN POSITIONS REALIGNING OUT		0	0	70	30	0	0	100
Early Retirement*	8.10%	0	0	6	2	0	0	8
Regular Retirement*	1.67%	0	0	1	1	0	0	2
Civilian Turnover*	9.16%	0	0	6	3	0	0	9
Civs Not Moving (RIFs)*	6.00%	0	0	4	2	0	0	6
Civilians Moving (the remainder)		0	0	53	22	0	0	75
Civilian Positions Available		0	0	17	8	0	0	25
CIVILIAN POSITIONS ELIMINATED		0	0	3	2	0	0	5
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	1	1	0	0	2
Civilians Available to Move		0	0	2	1	0	0	3
Civilians Moving		0	0	2	1	0	0	3
Civilian RIFs (the remainder)		0	0	0	0	0	0	0
CIVILIAN POSITIONS REALIGNING IN		0	0	70	30	0	0	100
Civilians Moving		0	0	55	23	0	0	78
New Civilians Hired		0	0	15	7	0	0	22
Other Civilian Additions		0	0	0	0	0	3	3
TOTAL CIVILIAN EARLY RETIREMENTS		0	0	6	2	0	0	8
TOTAL CIVILIAN RIFS		0	0	4	2	0	0	6
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	0	1	1	0	0	2
TOTAL CIVILIAN NEW HIRES		0	0	15	7	0	3	25

\* 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 : Technical JCSG  
 Scenario File : E:\Database\COBRA Database\TECH-0013\Tech 0013 resbaseline\Tech 0013 Environmental\No RIA\Some  
 Woodbridge to Detroit\Corrected 6.10\TECH-0013 COBRA Input (6.10) 04292005.CBR  
 Option Pkg Name: Establish Joint Centers for Land Vehicles R, D&A, and T&E  
 Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

Base: DRPM AAA, VA (M48396)	Rate	2006	2007	2008	2009	2010	2011	Total
CIVILIAN POSITIONS REALIGNING OUT		0	0	0	30	0	0	30
Early Retirement*	8.10%	0	0	0	2	0	0	2
Regular Retirement*	1.67%	0	0	0	1	0	0	1
Civilian Turnover*	9.16%	0	0	0	3	0	0	3
Civs Not Moving (RIFs)*	6.00%	0	0	0	2	0	0	2
Civilians Moving (the remainder)		0	0	0	22	0	0	22
Civilian Positions Available		0	0	0	8	0	0	8
CIVILIAN POSITIONS ELIMINATED		0	0	0	2	0	0	2
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	1	0	0	1
Civilians Available to Move		0	0	0	1	0	0	1
Civilians Moving		0	0	0	1	0	0	1
Civilian RIFs (the remainder)		0	0	0	0	0	0	0
CIVILIAN POSITIONS REALIGNING IN		0	0	0	0	0	0	0
Civilians Moving		0	0	0	0	0	0	0
New Civilians Hired		0	0	0	0	0	0	0
Other Civilian Additions		0	0	0	0	0	0	0
TOTAL CIVILIAN EARLY RETIRMENTS		0	0	0	2	0	0	2
TOTAL CIVILIAN RIFS		0	0	0	2	0	0	2
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	0	0	1	0	0	1
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 : Technical JCSG  
 Scenario File : E:\Database\COBRA Database\TECH-0013\Tech 0013 resbaseline\Tech 0013 Environmental\No RIA\Some  
 Woodbridge to Detroit\Corrected 6.10\TECH-0013 COBRA Input (6.10) 04292005.CBR  
 Option Pkg Name: Establish Joint Centers for Land Vehicles R, D&A, and T&E  
 Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

Base: REDSTONE, AL (01750)	Rate	2006	2007	2008	2009	2010	2011	Total
CIVILIAN POSITIONS REALIGNING OUT		0	0	70	0	0	0	70
Early Retirement*	8.10%	0	0	6	0	0	0	6
Regular Retirement*	1.67%	0	0	1	0	0	0	1
Civilian Turnover*	9.16%	0	0	6	0	0	0	6
Civs Not Moving (RIFs)*	6.00%	0	0	4	0	0	0	4
Civilians Moving (the remainder)		0	0	53	0	0	0	53
Civilian Positions Available		0	0	17	0	0	0	17
CIVILIAN POSITIONS ELIMINATED		0	0	3	0	0	0	3
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	1	0	0	0	1
Civilians Available to Move		0	0	2	0	0	0	2
Civilians Moving		0	0	2	0	0	0	2
Civilian RIFs (the remainder)		0	0	0	0	0	0	0
CIVILIAN POSITIONS REALIGNING IN		0	0	0	0	0	0	0
Civilians Moving		0	0	0	0	0	0	0
New Civilians Hired		0	0	0	0	0	0	0
Other Civilian Additions		0	0	0	0	0	0	0
TOTAL CIVILIAN EARLY RETIRMENTS		0	0	6	0	0	0	6
TOTAL CIVILIAN RIFs		0	0	4	0	0	0	4
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	0	1	0	0	0	1
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 : Technical JCSG  
 Scenario File : E:\Database\COBRA Database\TECH-0013\Tech 0013 resbaseline\Tech 0013 Environmental\No RIA\Some  
 Woodbridge to Detroit\Corrected 6.10\TECH-0013 COBRA Input (6.10) 04292005.CBR  
 Option Pkg Name: Establish Joint Centers for Land Vehicles R, D&A, and T&E  
 Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

Base: DETROIT/SELFRIDGE, MI (26221)	Rate	2006	2007	2008	2009	2010	2011	Total
<b>CIVILIAN POSITIONS REALIGNING OUT</b>								
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
<b>CIVILIAN POSITIONS ELIMINATED</b>								
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
<b>CIVILIAN POSITIONS REALIGNING IN</b>								
Civilians Moving		0	0	70	30	0	0	100
New Civilians Hired		0	0	55	23	0	0	78
Other Civilian Additions		0	0	15	7	0	0	22
		0	0	0	0	0	3	3
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	15	7	0	3	25

\* 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%

DCN:11680

COBRA PERSONNEL YEARLY PERCENTAGES REPORT (COBRA v6.10)

Data As Of 4/29/2005 12:10:26 PM, Report Created 4/29/2005 12:10:29 PM

Department : Technical JCSG  
 Scenario File : E:\Database\COBRA Database\TECH-0013\Tech 0013 resbaseline\Tech 0013 Environmental\No RIA\Some  
 Woodbridge to Detroit\Corrected 6.10\TECH-0013 COBRA Input (6.10) 04292005.CBR  
 Option Pkg Name: Establish Joint Centers for Land Vehicles R, D&A, and T&E  
 Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

Base: DRPM AAA, VA (M48396)

Year	Pers Moved Total	In/Added Percent	MilCon TimePhase	Pers Moved Total	Out/Eliminated Percent	ShutDn TimePhase
2006	0	0.00%	50.00%	0	0.00%	0.00%
2007	0	0.00%	25.00%	0	0.00%	0.00%
2008	0	0.00%	25.00%	0	0.00%	0.00%
2009	0	0.00%	0.00%	32	100.00%	100.00%
2010	0	0.00%	0.00%	0	0.00%	0.00%
2011	0	0.00%	0.00%	0	0.00%	0.00%
TOTALS	0	0.00%	100.00%	32	100.00%	100.00%

Base: REDSTONE, AL (01750)

Year	Pers Moved Total	In/Added Percent	MilCon TimePhase	Pers Moved Total	Out/Eliminated Percent	ShutDn TimePhase
2006	0	0.00%	33.33%	0	0.00%	0.00%
2007	0	0.00%	16.67%	0	0.00%	0.00%
2008	0	0.00%	16.67%	76	98.70%	98.70%
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%	1	1.30%	1.30%
TOTALS	0	0.00%	100.00%	77	100.00%	100.00%

Base: DETROIT/SELFRIDGE, MI (26221)

Year	Pers Moved Total	In/Added Percent	MilCon TimePhase	Pers Moved Total	Out/Eliminated Percent	ShutDn TimePhase
2006	0	0.00%	0.00%	0	0.00%	16.67%
2007	0	0.00%	68.87%	0	0.00%	16.67%
2008	73	68.87%	28.30%	0	0.00%	16.67%
2009	30	28.30%	0.00%	0	0.00%	16.67%
2010	0	0.00%	2.83%	0	0.00%	16.67%
2011	3	2.83%	0.00%	0	0.00%	16.67%
TOTALS	106	100.00%	100.00%	0	0.00%	100.00%

DCN:11680

## MILITARY VALUE RANK

Tech 7 or TJCSG TECH-0013, Ground Vehicles D&amp;A

ACQ	RESEARCH	T&E
Detroit Arsenal .5644	Detroit Arsenal .7225	DRPM AAA .2312
Redstone .2301	Redstone .1284	Redstone .0653
DRPM AAA .1020	DRPM AAA --	Detroit Arsenal .0392

DCN:11680



SON:11680

OFFICE OF THE DIRECTOR OF  
DEFENSE RESEARCH AND ENGINEERING  
3040 DEFENSE PENTAGON  
WASHINGTON, D.C. 20301-3040

AUG 17 2005

Mr. Frank Cirillo  
Director, Review & Analysis  
Defense Base Realignment and Closure Commission  
2521 South Clark Street, Suite 600  
Arlington, VA 22202

Dear Mr. Cirillo:

This letter responds to your inquiry concerning the Technical Joint Cross Service Group (TJCSG) recommendation Consolidate Ground Vehicle Development & Acquisition in a Joint Center. The specific request follows.

The DOD recommendation would relocate 30 positions and eliminate 2 positions from a 213 person organization (USMC DPRM AAA) that is currently located in leased space at Woodbridge, VA. As we understand it, the COBRA analysis included with DOD's recommendation claimed AT/FP as a recurring cost savings for the entire 213 person facility, rather than a one-time cost avoidance for the portion of the facility impacted from the loss of 32 jobs. Also it would appear that the COBRA analysis claimed recurring lease cost savings for the entire facility, rather than just the portion of the leased space impacted by the proposed recommendation. To assist the Commission in its evaluation, please address the following:

What did the TJCSG intend to do with the remaining 181 personnel that are currently located in non AT/FP compliant space. As we understand it, the lease is due to expire in 2011? Wouldn't the remaining personnel also need to be relocated to other more secure facilities?

Please provide an updated COBRA report that accounts for AT/FP as a one-time cost avoidance and recurring lease cost savings for only the portion of the Woodbridge facility impacted by the TJCSG recommendation.

The 181 remaining personnel <sup>arent</sup> aren't part of the TJCSG recommendation. Contact with the US Marine Corps (USMC) Direct Reporting Program Manager (DRPM) Expeditionary Fighting Vehicle (EFV) revealed that they are looking into relocating into secure space in the Washington/Quantico area enabling the PM to perform its basic DRPM functions. The plan is, as the program proceeds into and beyond implementation, for the functions and people of the DRPM staff to assimilate back into Marine Corps Systems Command at Quantico to perform engineering, contracting and Life Cycle support functions or to the Lima Army Tank Plant for Contractor Quality Assurance as the program level of effort draws down. The USMC is also seeking to position themselves to leverage new opportunities to co-develop/or jointly manage programs with the Army in the



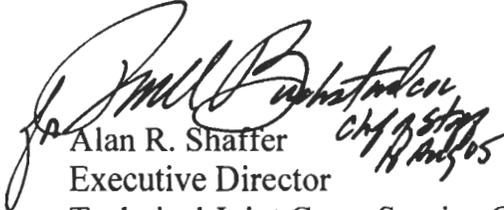
#784

future, 2008-2011 timeframe and beyond; programs such as Future Combat System, Future Tactical Truck System, as well as various Modularity initiatives.

The COBRA report you request is enclosed.

Thank you for the opportunity to address your inquiry.

Sincerely,

  
Alan R. Shaffer  
Executive Director  
Technical Joint Cross Service Group

Enclosure  
As stated.

*Task 784*

Department : Technical JCSG  
 Scenario File : C:\Tasker 784\Corrected Input Woodbridge move 08102005.CBR  
 Option Pkg Name: Establish Joint Centers for Land Vehicles R, D&A, and T&E  
 Std Fctrs File : W:\Database\COBRA 6.10\BRAC2005.SFF

Starting Year : 2006  
 Final Year : 2011  
 Payback Year : 2022 (11 Years)

NPV in 2025(\$K): -1,850  
 1-Time Cost(\$K): 9,991

Net Costs in 2005 Constant Dollars (\$K)								
	2006	2007	2008	2009	2010	2011	Total	Beyond
MilCon	99	0	0	0	1,099	0	1,198	0
Person	0	0	518	247	25	355	1,146	-182
Overhd	51	38	81	172	-24	-760	-443	-772
Moving	0	0	1,821	1,052	0	4,380	7,253	0
Missio	0	0	0	0	0	0	0	0
Other	0	0	117	-55	-10	-674	-622	-10
<b>TOTAL</b>	<b>149</b>	<b>38</b>	<b>2,537</b>	<b>1,415</b>	<b>1,090</b>	<b>3,301</b>	<b>8,531</b>	<b>-964</b>

	2006	2007	2008	2009	2010	2011	Total
<b>POSITIONS ELIMINATED</b>							
Off	0	0	0	0	0	1	1
Enl	0	0	0	0	0	0	0
Civ	0	0	3	2	0	0	5
TOT	0	0	3	2	0	1	6

	2006	2007	2008	2009	2010	2011	Total
<b>POSITIONS REALIGNED</b>							
Off	0	0	3	0	0	14	17
Enl	0	0	0	0	0	11	11
Stu	0	0	0	0	0	0	0
Civ	0	0	70	30	0	122	222
TOT	0	0	73	30	0	147	250

Summary:

Realign Redstone Arsenal, Huntsville AL, by relocating the joint robotics program development and Acquisition activities to Detroit Arsenal, Warren, MI, and consolidate them with the Program Executive Office Ground Combat Systems, Program Executive Office Combat Support and Combat Service Support and Tank Automotive Research Development Engineering Center. Realign the USMC Ground Forces initiative D&A activities at Direct Reporting Program Manager Advanced Amphibious Assault (DRPM AAA) facilities in Woodbridge, VA, by relocating to Detroit Arsenal, Warren, MI [source file 3].

CDR MCB Quantico USMC Marine Corps System Command (MARCORSYSCOM) was excluded after it was determined that proposed action actions would have a serious and detrimental impact on the overall effectiveness and its acquisition, sustainment and life cycle management mission [source file 3].

Rock Island Arsenal Rock Island Arsenal for Development & Acquisition was not included because the FTEs they reported were less than 30 FTEs [source file 4].

USMC DRPM AAA detachment located at Camp Pendleton, though reported as doing D&A, the work they are actually engaged in is performing test in actual conditions (i.e., in the ocean surf, on-load and off-load from amphibious shipping at sea, etc.), performing Developmental Testing (DT) and Operational Testing (OT), and integration testing with sea/ground/air elements while interfacing with their user [source file 3].

File from DON (source file 2) revising data input to reflect 30 Marine billets moving to Detroit in accordance with a TJCSG deliberative decision on 1 Mar 05.

Source files

1. TECH-0013a\_USA\_3Feb\_2005 Army Completed
2. TECH\_0013\_USN\_DRPM\_AAA and Response from DDC1533, 04 Jan
3. TJCSG meeting minutes 1 Mar 05
4. TJCSG meeting minutes 9 Nov 04
5. TJCSG meeting minutes 28 Feb 05
6. Army TABS Letter 18 Oct 04 subject: Utility Facility Analysis Categories (FAC)
7. E-mail message, 8 Mar 05, from T. Mathes to G. Schiefer, subject: TECH-0013 [response to TJCSG 7 Mar 05 Telecon Minutes Questions]

DCN:11680

COBRA Version 6.07 was used for the COBRA runs in the scenario version that was briefed to the ISG.

Department : Technical JCSG  
 Scenario File : C:\Tasker 784\Corrected Input Woodbridge move 08102005.CBR  
 Option Pkg Name: Establish Joint Centers for Land Vehicles R, D&A, and T&E  
 Std Fctrs File : W:\Database\COBRA 6.10\BRAC2005.SFF

## Costs in 2005 Constant Dollars (\$K)

	2006	2007	2008	2009	2010	2011	Total	Beyond
	----	----	----	----	----	----	----	----
MilCon	99	0	0	0	1,099	0	1,198	0
Person	0	0	641	538	386	1,171	2,736	697
Overhd	51	38	274	365	360	521	1,609	509
Moving	0	0	1,833	1,052	0	4,456	7,341	0
Missio	0	0	0	0	0	0	0	0
Other	0	0	117	90	-10	-9	188	-10
TOTAL	149	38	2,866	2,045	1,834	6,139	13,073	1,196

## Savings in 2005 Constant Dollars (\$K)

	2006	2007	2008	2009	2010	2011	Total	Beyond
	----	----	----	----	----	----	----	----
MilCon	0	0	0	0	0	0	0	0
Person	0	0	123	292	360	816	1,591	878
Overhd	0	0	193	193	384	1,281	2,052	1,281
Moving	0	0	12	0	0	76	89	0
Missio	0	0	0	0	0	0	0	0
Other	0	0	0	145	0	665	810	0
TOTAL	0	0	328	630	745	2,839	4,541	2,160

DCN:11680

TOTAL COBRA ONE-TIME COST REPORT (COBRA v6.10) - Page 1/5

Data As Of 8/10/2005 9:53:22 AM, Report Created 8/10/2005 9:53:25 AM

Department : Technical JCSG  
 Scenario File : C:\Tasker 784\Corrected Input Woodbridge move 08102005.CBR  
 Option Pkg Name: Establish Joint Centers for Land Vehicles R, D&A, and T&E  
 Std Fctrs File : W:\Database\COBRA 6.10\BRAC2005.SFF

(All values in 2005 Constant Dollars)

Category	Cost	Sub-Total
-----	----	-----
Construction		
Military Construction	1,197,755	
Total - Construction		1,197,755
Personnel		
Civilian RIF	764,794	
Civilian Early Retirement	221,030	
Eliminated Military PCS	10,477	
Unemployment	57,863	
Total - Personnel		1,054,165
Overhead		
Program Management Cost	166,647	
Support Contract Termination	0	
Mothball / Shutdown	2,250	
Total - Overhead		168,897
Moving		
Civilian Moving	6,916,994	
Civilian PPP	70,992	
Military Moving	160,969	
Freight	153,031	
Information Technologies	39,600	
One-Time Moving Costs	0	
Total - Moving		7,341,586
Other		
HAP / RSE	128,557	
Environmental Mitigation Costs	100,000	
Mission Contract Startup and Termination	0	
One-Time Unique Costs	0	
Total - Other		228,557
-----		-----
Total One-Time Costs		9,990,960
-----		-----
One-Time Savings		
Military Construction Cost Avoidances	0	
Military Moving	88,782	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	809,900	
-----		-----
Total One-Time Savings		898,682
-----		-----
Total Net One-Time Costs		9,092,278

DCN:11680

COBRA ONE-TIME COST REPORT (COBRA v6.10) - Page 2/5  
 Data As Of 8/10/2005 9:53:22 AM, Report Created 8/10/2005 9:53:25 AM

Department : Technical JCSG  
 Scenario File : C:\Tasker 784\Corrected Input Woodbridge move 08102005.CBR  
 Option Pkg Name: Establish Joint Centers for Land Vehicles R, D&A, and T&E  
 Std Fctrs File : W:\Database\COBRA 6.10\BRAC2005.SFF

Base: DRPM AAA, VA (M48396)  
 (All values in 2005 Constant Dollars)

Category	Cost	Sub-Total
-----	----	-----
Construction		
Military Construction	0	
Total - Construction		0
Personnel		
Civilian RIF	533,959	
Civilian Early Retirement	148,707	
Eliminated Military PCS	0	
Unemployment	40,059	
Total - Personnel		722,725
Overhead		
Program Management Cost	0	
Support Contract Termination	0	
Mothball / Shutdown	0	
Total - Overhead		0
Moving		
Civilian Moving	5,173,232	
Civilian PPP	35,496	
Military Moving	148,206	
Freight	123,478	
Information Technologies	28,000	
One-Time Moving Costs	0	
Total - Moving		5,508,413
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		6,231,137
-----	-----	-----
One-Time Savings		
Military Construction Cost Avoidances	0	
Military Moving	76,217	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	809,900	
-----	-----	-----
Total One-Time Savings		886,117
-----	-----	-----
Total Net One-Time Costs		5,345,020

Department : Technical JCSG  
 Scenario File : C:\Tasker 784\Corrected Input Woodbridge move 08102005.CBR  
 Option Pkg Name: Establish Joint Centers for Land Vehicles R, D&A, and T&E  
 Std Fctrs File : W:\Database\COBRA 6.10\BRAC2005.SFF

Base: REDSTONE, AL (01750)  
 (All values in 2005 Constant Dollars)

Category	Cost	Sub-Total
-----	----	-----
Construction		
Military Construction	0	
Total - Construction		0
Personnel		
Civilian RIF	230,835	
Civilian Early Retirement	72,323	
Eliminated Military PCS	10,477	
Unemployment	17,804	
Total - Personnel		331,440
Overhead		
Program Management Cost	166,647	
Support Contract Termination	0	
Mothball / Shutdown	2,250	
Total - Overhead		168,897
Moving		
Civilian Moving	1,743,762	
Civilian PPP	35,496	
Military Moving	12,763	
Freight	29,552	
Information Technologies	11,600	
One-Time Moving Costs	0	
Total - Moving		1,833,173
Other		
HAP / RSE	128,557	
Environmental Mitigation Costs	0	
Mission Contract Startup and Termination	0	
One-Time Unique Costs	0	
Total - Other		128,557
-----		
Total One-Time Costs		2,462,067
-----		
One-Time Savings		
Military Construction Cost Avoidances	0	
Military Moving	12,565	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	
-----		
Total One-Time Savings		12,565
-----		
Total Net One-Time Costs		2,449,502

Department : Technical JCSG  
 Scenario File : C:\Tasker 784\Corrected Input Woodbridge move 08102005.CBR  
 Option Pkg Name: Establish Joint Centers for Land Vehicles R, D&A, and T&E  
 Std Fctrs File : W:\Database\COBRA 6.10\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	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	100,000	
Mission Contract Startup and Termination	0	
One-Time Unique Costs	0	
Total - Other		100,000
-----		
Total One-Time Costs		100,000
-----		
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		100,000

Department : Technical JCSG  
 Scenario File : C:\Tasker 784\Corrected Input Woodbridge move 08102005.CBR  
 Option Pkg Name: Establish Joint Centers for Land Vehicles R, D&A, and T&E  
 Std Fctrs File : W:\Database\COBRA 6.10\BRAC2005.SFF

Base: BASE X (NAVY), US (XNAVY)  
 (All values in 2005 Constant Dollars)

Category	Cost	Sub-Total
-----	----	-----
Construction		
Military Construction	1,197,755	
Total - Construction		1,197,755
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		1,197,755
-----		
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		1,197,755

Department : Technical JCSG  
 Scenario File : C:\Tasker 784\Corrected Input Woodbridge move 08102005.CBR  
 Option Pkg Name: Establish Joint Centers for Land Vehicles R, D&A, and T&E  
 Std Fctrs File : W:\Database\COBRA 6.10\BRAC2005.SFF

TOTAL SCENARIO POPULATION (FY 2005):

Officers	Enlisted	Students	Civilians
668	2,005	1,549	16,041

TOTAL PROGRAMMED INSTALLATION (NON-BRAC) CHANGES, ENTIRE SCENARIO:

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	-1	0	0	0	-1
Enlisted	1	-4	-3	-1	-1	0	-8
Students	-11	-37	25	-24	1	1	-45
Civilians	-144	-15	-8	0	-1	1	-167
TOTAL	-154	-56	13	-25	-1	2	-221

TOTAL SCENARIO POPULATION (FY 2005, Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
667	1,997	1,504	15,874

TOTAL PERSONNEL REALIGNMENTS, ENTIRE SCENARIO):

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	3	0	0	14	17
Enlisted	0	0	0	0	0	11	11
Students	0	0	0	0	0	0	0
Civilians	0	0	70	30	0	122	222
TOTAL	0	0	73	30	0	147	250

TOTAL SCENARIO POSITION CHANGES, ENTIRE SCENARIO:

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	0	-1	-1
Enlisted	0	0	0	0	0	0	0
Civilians	0	0	-3	-2	0	3	-2
TOTAL	0	0	-3	-2	0	2	-3

TOTAL SCENARIO POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
666	1,997	1,504	15,872

Department : Technical JCSG  
 Scenario File : C:\Tasker 784\Corrected Input Woodbridge move 08102005.CBR  
 Option Pkg Name: Establish Joint Centers for Land Vehicles R, D&A, and T&E  
 Std Fctrs File : W:\Database\COBRA 6.10\BRAC2005.SFF

PERSONNEL SUMMARY FOR: DRPM AAA, VA (M48396)

BASE POPULATION (FY 2005, Prior to BRAC Action) FOR: DRPM AAA, VA (M48396)

Officers	Enlisted	Students	Civilians
19	40	0	154

PERSONNEL REALIGNMENTS:

To 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	0	0	0	30	0	0	30
TOTAL	0	0	0	30	0	0	30

To Base: BASE X (NAVY), US (XNAVY)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	0	14	14
Enlisted	0	0	0	0	0	11	11
Students	0	0	0	0	0	0	0
Civilians	0	0	0	0	0	122	122
TOTAL	0	0	0	0	0	147	147

TOTAL PERSONNEL REALIGNMENTS (Out of DRPM AAA, VA (M48396)):

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	0	14	14
Enlisted	0	0	0	0	0	11	11
Students	0	0	0	0	0	0	0
Civilians	0	0	0	30	0	122	152
TOTAL	0	0	0	30	0	147	177

SCENARIO POSITION CHANGES FOR: DRPM AAA, VA (M48396)

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

BASE POPULATION (After BRAC Action) FOR: DRPM AAA, VA (M48396)

Officers	Enlisted	Students	Civilians
5	29	0	0

PERSONNEL SUMMARY FOR: REDSTONE, AL (01750)

BASE POPULATION (FY 2005):

Officers	Enlisted	Students	Civilians
304	502	934	11,456

PROGRAMMED INSTALLATION (NON-BRAC) CHANGES FOR: REDSTONE, AL (01750)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0
Students	-3	-42	0	0	0	0	-45
Civilians	-89	-13	0	0	0	0	-102
TOTAL	-92	-55	0	0	0	0	-147

Department : Technical JCSG  
 Scenario File : C:\Tasker 784\Corrected Input Woodbridge move 08102005.CBR  
 Option Pkg Name: Establish Joint Centers for Land Vehicles R, D&A, and T&E  
 Std Fctrs File : W:\Database\COBRA 6.10\BRAC2005.SFF

BASE POPULATION (Prior to BRAC Action) FOR: REDSTONE, AL (01750)

Officers	Enlisted	Students	Civilians
304	502	889	11,354

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

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	3	0	0	0	3
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	0	0	70	0	0	0	70
TOTAL	0	0	73	0	0	0	73

TOTAL PERSONNEL REALIGNMENTS (Out of REDSTONE, AL (01750)):

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	3	0	0	0	3
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	0	0	70	0	0	0	70
TOTAL	0	0	73	0	0	0	73

SCENARIO POSITION CHANGES FOR: REDSTONE, AL (01750)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	0	-1	-1
Enlisted	0	0	0	0	0	0	0
Civilians	0	0	-3	0	0	0	-3
TOTAL	0	0	-3	0	0	-1	-4

BASE POPULATION (After BRAC Action) FOR: REDSTONE, AL (01750)

Officers	Enlisted	Students	Civilians
300	502	889	11,281

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:  
 From Base: DRPM AAA, VA (M48396)

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

Department : Technical JCSG  
 Scenario File : C:\Tasker 784\Corrected Input Woodbridge move 08102005.CBR  
 Option Pkg Name: Establish Joint Centers for Land Vehicles R, D&A, and T&E  
 Std Fctrs File : W:\Database\COBRA 6.10\BRAC2005.SFF

From Base: REDSTONE, AL (01750)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	3	0	0	0	3
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	0	0	70	0	0	0	70
TOTAL	0	0	73	0	0	0	73

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

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	3	0	0	0	3
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	0	0	70	30	0	0	100
TOTAL	0	0	73	30	0	0	103

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	0	0	0	0	0	3	3
TOTAL	0	0	0	0	0	3	3

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

Officers	Enlisted	Students	Civilians
100	29	0	3,477

PERSONNEL SUMMARY FOR: BASE X (NAVY), US (XNAVY)

BASE POPULATION (FY 2005):

Officers	Enlisted	Students	Civilians
248	1,434	615	1,001

PROGRAMMED INSTALLATION (NON-BRAC) CHANGES FOR: BASE X (NAVY), US (XNAVY)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	-1	0	0	0	-1
Enlisted	1	-4	-3	-1	-1	0	-8
Students	-8	5	25	-24	1	1	0
Civilians	2	-3	-8	0	-1	1	-9
TOTAL	-5	-2	13	-25	-1	2	-18

BASE POPULATION (Prior to BRAC Action) FOR: BASE X (NAVY), US (XNAVY)

Officers	Enlisted	Students	Civilians
247	1,426	615	992

PERSONNEL REALIGNMENTS:  
 From Base: DRPM AAA, VA (M48396)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	0	14	14
Enlisted	0	0	0	0	0	11	11
Students	0	0	0	0	0	0	0
Civilians	0	0	0	0	0	122	122
TOTAL	0	0	0	0	0	147	147

Department : Technical JCSG  
 Scenario File : C:\Tasker 784\Corrected Input Woodbridge move 08102005.CBR  
 Option Pkg Name: Establish Joint Centers for Land Vehicles R, D&A, and T&E  
 Std Fctrs File : W:\Database\COBRA 6.10\BRAC2005.SFF

TOTAL PERSONNEL REALIGNMENTS (Into BASE X (NAVY), US (XNAVY)):							
	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	0	14	14
Enlisted	0	0	0	0	0	11	11
Students	0	0	0	0	0	0	0
Civilians	0	0	0	0	0	122	122
TOTAL	0	0	0	0	0	147	147

BASE POPULATION (After BRAC Action) FOR: BASE X (NAVY), US (XNAVY)			
Officers	Enlisted	Students	Civilians
261	1,437	615	1,114

Department : Technical JCSG  
 Scenario File : C:\Tasker 784\Corrected Input Woodbridge move 08102005.CBR  
 Option Pkg Name: Establish Joint Centers for Land Vehicles R, D&A, and T&E  
 Std Fctrs File : W:\Database\COBRA 6.10\BRAC2005.SFF

DRPM AAA, VA (M48396)

	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	25	25
NET CHANGE-Mil	0	0	0	0	0	-25	-25
Jobs Gained-Civ	0	0	0	0	0	0	0
Jobs Lost-Civ	0	0	0	32	0	122	154
NET CHANGE-Civ	0	0	0	-32	0	-122	-154
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

REDSTONE, AL (01750)

	2006	2007	2008	2009	2010	2011	Total
Jobs Gained-Mil	0	0	0	0	0	0	0
Jobs Lost-Mil	0	0	3	0	0	1	4
NET CHANGE-Mil	0	0	-3	0	0	-1	-4
Jobs Gained-Civ	0	0	0	0	0	0	0
Jobs Lost-Civ	0	0	73	0	0	0	73
NET CHANGE-Civ	0	0	-73	0	0	0	-73
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	3	0	0	0	3
Jobs Lost-Mil	0	0	0	0	0	0	0
NET CHANGE-Mil	0	0	3	0	0	0	3
Jobs Gained-Civ	0	0	70	30	0	3	103
Jobs Lost-Civ	0	0	0	0	0	0	0
NET CHANGE-Civ	0	0	70	30	0	3	103
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

BASE X (NAVY), US (XNAVY)

	2006	2007	2008	2009	2010	2011	Total
Jobs Gained-Mil	0	0	0	0	0	25	25
Jobs Lost-Mil	0	0	0	0	0	0	0
NET CHANGE-Mil	0	0	0	0	0	25	25
Jobs Gained-Civ	0	0	0	0	0	122	122
Jobs Lost-Civ	0	0	0	0	0	0	0
NET CHANGE-Civ	0	0	0	0	0	122	122
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

DCN:11680

SCENARIO ERROR REPORT (COBRA v6.10)

Data As Of 8/10/2005 9:53:22 AM, Report Created 8/10/2005 9:53:25 AM

Department : Technical JCSG  
Scenario File : C:\Tasker 784\Corrected Input Woodbridge move 08102005.CBR  
Option Pkg Name: Establish Joint Centers for Land Vehicles R, D&A, and T&E  
Std Fctrs File : W:\Database\COBRA 6.10\BRAC2005.SFF

SCENARIO DATA:

"Technical JCSG" is not a recognized Department.

Department : Technical JCSG  
 Scenario File : C:\Tasker 784\Corrected Input Woodbridge move 08102005.CBR  
 Option Pkg Name: Establish Joint Centers for Land Vehicles R, D&A, and T&E  
 Std Fctrs File : W:\Database\COBRA 6.10\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:
DRPM AAA, VA (M48396)	Realignment
REDSTONE, AL (01750)	Realignment
DETROIT/SELFRIDGE, MI (26221)	Realignment
BASE X (NAVY), US (XNAVY)	Realignment

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

Point A:	Point B:	Distance:
DRPM AAA, VA (M48396)	DETROIT/SELFRIDGE, MI (26221)	546 mi
DRPM AAA, VA (M48396)	BASE X (NAVY), US (XNAVY)	1,312 mi
REDSTONE, AL (01750)	DETROIT/SELFRIDGE, MI (26221)	629 mi

INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from DRPM AAA, VA (M48396) to DETROIT/SELFRIDGE, MI (26221)

	2006	2007	2008	2009	2010	2011
Officer Positions:	0	0	0	0	0	0
Enlisted Positions:	0	0	0	0	0	0
Civilian Positions:	0	0	0	30	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 DRPM AAA, VA (M48396) to BASE X (NAVY), US (XNAVY)

	2006	2007	2008	2009	2010	2011
Officer Positions:	0	0	0	0	0	14
Enlisted Positions:	0	0	0	0	0	11
Civilian Positions:	0	0	0	0	0	122
Student Positions:	0	0	0	0	0	0
NonVeh Missn Eqpt(tons):	0	0	0	0	0	46
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	1

Department : Technical JCSG  
 Scenario File : C:\Tasker 784\Corrected Input Woodbridge move 08102005.CBR  
 Option Pkg Name: Establish Joint Centers for Land Vehicles R, D&A, and T&E  
 Std Fctrs File : W:\Database\COBRA 6.10\BRAC2005.SFF

INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from REDSTONE, AL (01750) to DETROIT/SELFRIDGE, MI (26221)

	2006	2007	2008	2009	2010	2011
	----	----	----	----	----	----
Officer Positions:	0	0	3	0	0	0
Enlisted Positions:	0	0	0	0	0	0
Civilian Positions:	0	0	70	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

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: DRPM AAA, VA (M48396)

Total Officer Employees:	19	Base Service (for BOS/Sust):	Marines
Total Enlisted Employees:	40	Total Sustainment(\$K/Year):	0
Total Student Employees:	0	Sustain Payroll (\$K/Year):	0
Total Civilian Employees:	154	BOS Non-Payroll (\$K/Year):	0
Accomp Mil not Receiving BAH:	0.0%	BOS Payroll (\$K/Year):	0
Officer Housing Units Avail:	0	Family Housing (\$K/Year):	0
Enlisted Housing Units Avail:	0	Installation PRV(\$K):	0
Starting Facilities(KSF):	0	Svc/Agcy Recap Rate (Years):	86
Officer BAH (\$/Month):	1,542	Homeowner Assistance Program:	No
Enlisted BAH (\$/Month):	1,079		
Civ Locality Pay Factor:	1.147	TRICARE	In-Pat Out-Pat
Area Cost Factor:	0.92		Admits Visits Prescrip
Per Diem Rate (\$/Day):	123	CostFactor	7,030.00 96.00 0.00
Freight Cost (\$/Ton/Mile):	0.48	Actv MTF	0 0 0
Vehicle Cost (\$/Lift/Mile):	4.84	Actv Purch	0 0 0
Latitude:	38.683300	Retiree	0 0 0
Longitude:	-77.305200	Retiree65+	0 0 0

Name: REDSTONE, AL (01750)

Total Officer Employees:	304	Base Service (for BOS/Sust):	Army
Total Enlisted Employees:	502	Total Sustainment(\$K/Year):	32,505
Total Student Employees:	934	Sustain Payroll (\$K/Year):	2,171
Total Civilian Employees:	11,456	BOS Non-Payroll (\$K/Year):	52,009
Accomp Mil not Receiving BAH:	27.5%	BOS Payroll (\$K/Year):	34,847
Officer Housing Units Avail:	68	Family Housing (\$K/Year):	1,554
Enlisted Housing Units Avail:	240	Installation PRV(\$K):	3,043,214
Starting Facilities(KSF):	11,688	Svc/Agcy Recap Rate (Years):	103
Officer BAH (\$/Month):	933	Homeowner Assistance Program:	Yes
Enlisted BAH (\$/Month):	674		
Civ Locality Pay Factor:	1.115	TRICARE	In-Pat Out-Pat
Area Cost Factor:	0.85		Admits Visits Prescrip
Per Diem Rate (\$/Day):	106	CostFactor	4,106.00 94.00 22.21
Freight Cost (\$/Ton/Mile):	0.33	Actv MTF	0 53,942 43,513
Vehicle Cost (\$/Lift/Mile):	4.84	Actv Purch	324 15,108
Latitude:	34.616667	Retiree	0 38,847 149,850
Longitude:	-86.666667	Retiree65+	0 2,106 128,575

Department : Technical JCSG  
 Scenario File : C:\Tasker 784\Corrected Input Woodbridge move 08102005.CBR  
 Option Pkg Name: Establish Joint Centers for Land Vehicles R, D&A, and T&E  
 Std Fctrs File : W:\Database\COBRA 6.10\BRAC2005.SFF

INPUT SCREEN FOUR - STATIC BASE INFORMATION

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:	1.183	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 0
Latitude:	42.500000	Retiree	0 0 0
Longitude:	-83.400000	Retiree65+	0 157 0

Name: BASE X (NAVY), US (XNAVY)

Total Officer Employees:	248	Base Service (for BOS/Sust):	Navy
Total Enlisted Employees:	1,434	Total Sustainment(\$K/Year):	9,320
Total Student Employees:	615	Sustain Payroll (\$K/Year):	1,330
Total Civilian Employees:	1,001	BOS Non-Payroll (\$K/Year):	12,868
Accomp Mil not Receiving BAH:	6.6%	BOS Payroll (\$K/Year):	15,239
Officer Housing Units Avail:	4	Family Housing (\$K/Year):	662
Enlisted Housing Units Avail:	15	Installation PRV(\$K):	673,226
Starting Facilities(KSF):	3,244	Svc/Agcy Recap Rate (Years):	111
Officer BAH (\$/Month):	1,360	Homeowner Assistance Program:	No
Enlisted BAH (\$/Month):	1,025		
Civ Locality Pay Factor:	1.130	TRICARE	In-Pat Out-Pat
Area Cost Factor:	1.05		Admits Visits Prescrip
Per Diem Rate (\$/Day):	131	CostFactor	2,570.20 44.12 9.52
Freight Cost (\$/Ton/Mile):	0.40	Actv MTF	436 37,666 33,151
Vehicle Cost (\$/Lift/Mile):	4.84	Actv Purch	129 5,868
Latitude:	0.000000	Retiree	112 10,446 25,116
Longitude:	0.000000	Retiree65+	85 5,003 23,579

Department : Technical JCSG  
 Scenario File : C:\Tasker 784\Corrected Input Woodbridge move 08102005.CBR  
 Option Pkg Name: Establish Joint Centers for Land Vehicles R, D&A, and T&E  
 Std Fctrs File : W:\Database\COBRA 6.10\BRAC2005.SFF

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: DRPM AAA, VA (M48396)

	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	145	0	665
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	191	1,085
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: REDSTONE, AL (01750)

	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):			5	FH ShDn: 0.000%	

Department : Technical JCSG  
 Scenario File : C:\Tasker 784\Corrected Input Woodbridge move 08102005.CBR  
 Option Pkg Name: Establish Joint Centers for Land Vehicles R, D&A, and T&E  
 Std Fctrs File : W:\Database\COBRA 6.10\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	100	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: BASE X (NAVY), US (XNAVY)	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 : Technical JCSG  
 Scenario File : C:\Tasker 784\Corrected Input Woodbridge move 08102005.CBR  
 Option Pkg Name: Establish Joint Centers for Land Vehicles R, D&A, and T&E  
 Std Fctrs File : W:\Database\COBRA 6.10\BRAC2005.SFF

INPUT SCREEN SIX - BASE PERSONNEL INFORMATION

Name: DRPM AAA, VA (M48396)

	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	-2	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:	0	0	0	0	0	0
Stu Prog nonBRAC Change:	0	0	0	0	0	0
Prog FH Privatization:	0%	0%	0%	0%	0%	0%

INPUT SCREEN SIX - BASE PERSONNEL INFORMATION

Name: REDSTONE, AL (01750)

	2006	2007	2008	2009	2010	2011
Off Scenario Change:	0	0	0	0	0	-1
Enl Scenario Change:	0	0	0	0	0	0
Civ Scenario Change:	0	0	-3	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:	-89	-13	0	0	0	0
Stu Prog nonBRAC Change:	-3	-42	0	0	0	0
Prog FH Privatization:	0%	100%	0%	0%	0%	0%

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:	0	0	0	0	0	3
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%

Name: BASE X (NAVY), US (XNAVY)

	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:	0	0	-1	0	0	0
Enl Prog nonBRAC Change:	1	-4	-3	-1	-1	0
Civ Prog nonBRAC Change:	2	-3	-8	0	-1	1
Stu Prog nonBRAC Change:	-8	5	25	-24	1	1
Prog FH Privatization:	8%	2%	0%	0%	0%	0%

Department : Technical JCSG  
 Scenario File : C:\Tasker 784\Corrected Input Woodbridge move 08102005.CBR  
 Option Pkg Name: Establish Joint Centers for Land Vehicles R, D&A, and T&E  
 Std Fctrs File : W:\Database\COBRA 6.10\BRAC2005.SFF

INPUT SCREEN SEVEN - BASE MILITARY CONSTRUCTION INFORMATION

Name: BASE X (NAVY), US (XNAVY)

FAC	UM	New MilCon	Rehab MilCon	TotCost(\$K)	FPG Con CF	FPG Sust CF
6100	SF	0	23,520 Amber	0	138.78	2.52

STANDARD FACTORS SCREEN ONE - PERSONNEL

SF File Descrip:

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

STANDARD FACTORS SCREEN TWO - FACILITIES

	Army	Navy	Air Force	Marines
Service Sustainment Rate	87.00%	93.00%	92.00%	97.00%
Unit Cost Adjustment (BOS)	10332.00	8879.00	3032.00	3904.00
Program Management Factor:	10.00	MilCon Site Prep Cost (\$/SF):	0.74	
Mothball (Close) (\$/SF):	0.18	MilCon Contingency Plan Rate:	5.00%	
Mothball (Deac/Realn) (\$/SF):	0.45	MilCon Design Rate (Medical):	13.00%	
Rehab vs. MilCon (Default):	47.00%	MilCon Design Rate (Other):	9.00%	
Rehab vs. MilCon (Red):	64.00%	MilCon SIOH Rate:	6.00%	
Rehab vs. MilCon (Amber):	29.00%	Discount Rate for NPV/Payback:	2.80%	

STANDARD FACTORS SCREEN THREE - TRANSPORTATION

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

Department : Technical JCSG  
Scenario File : C:\Tasker 784\Corrected Input Woodbridge move 08102005.CBR  
Option Pkg Name: Establish Joint Centers for Land Vehicles R, D&A, and T&E  
Std Fctrs File : W:\Database\COBRA 6.10\BRAC2005.SFF

## FOOTNOTES FOR SCREEN ONE

=====  
Realign Redstone Arsenal, Huntsville AL, by relocating the joint robotics program development and Acquisition activities to Detroit Arsenal, Warren, MI, and consolidate them with the Program Executive Office

Ground Combat Systems, Program Executive Office Combat Support and Combat Service Support and Tank Automotive Research Development Engineering Center. Realign the USMC Ground Forces initiative D&A activities at Direct Reporting Program Manager Advanced Amphibious Assault (DRPM AAA) facilities in Woodbridge, VA, by relocating to Detroit Arsenal, Warren, MI [source file 3].

CDR MCB Quantico USMC Marine Corps System Command (MARCORSYSCOM) was excluded after it was determined that proposed action actions would have a serious and detrimental impact on the overall effectiveness and its acquisition, sustainment and life cycle management mission [source file 3].

Rock Island Arsenal Rock Island Arsenal for Development & Acquisition was not included because the FTEs they reported were less than 30 FTEs [source file 4].

USMC DRPM AAAA detachment located at Camp Pendleton, though reported as doing D&A, the work they are actually engaged in is performing test in actual conditions (i.e., in the ocean surf, on-load and off-load from amphibious shipping at sea, etc.), performing Developmental Testing (DT) and Operational Testing (OT), and integration testing with sea/ground/air elements while interfacing with their user [source file 3].

File from DON (source file 2) revising data input to reflect 30 Marine billets moving to Detroit in accordance with a TJCSG deliberative decision on 1 Mar 05.

## Source files

1. TECH-0013a\_USA\_3Feb\_2005 Army Completed
2. TECH\_0013\_USN,DRPM AAA and Response from DDC1533, 04 Jan
3. TJCSG meeting minutes 1 Mar 05
4. TJCSG meeting minutes 9 Nov 04
5. TJCSG meeting minutes 28 Feb 05
6. Army TABS Letter 18 Oct 04 subject: Utility Facility Analysis Categories (FAC)
7. E-mail message, 8 Mar 05, from T. Mathes to G. Schiefer, subject: TECH-0013 [response to TJCSG 7 Mar 05 Telecon Minutes Questions]

COBRA Version 6.07 was used for the COBRA runs in the scenario version that was briefed to the ISG.

## FOOTNOTES FOR SCREEN THREE

=====  
Applied reduction of 15% of all ACOB personnel at all donor locations [source file 3]. This was only applied to DRPMM AAA office because Redstone did not report ACOB personnel. To accomplish this objective of moving 30 billets in accordance with the TJCSG deliberative decision the total number of 32 billets were included in the COBRA calculations.

Source File 3 & 5 - The TJCSG deliberative decision that Redstone Arsenal personnel to move in FY08 and DRPM AAA personnel move in FY 09 was approved 28 Feb 05. A TJCSG deliberative decision to revise the number of DRPM AAA personnel to move 30 Marine billets to Detroit Arsenal was approved on 1 Mar 05.

## FOOTNOTES FOR SCREEN FIVE

=====  
Source file 1. One time unique cost of \$4779K for utilities and one time IT costs of \$979K were disallowed. These costs were generated by the need for new MILCON by the Army TABS Office RPLANS program that determines utility facility requirements [source file 6]. This tool was developed to determine the additional one-time costs associated with the added utility infrastructure required to support new MILCON. Since there was no new MILCON required at Detroit Arsenal these costs were disallowed [source file 3].

Department : Technical JCSG  
Scenario File : C:\Tasker 784\Corrected Input Woodbridge move 08102005.CBR  
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2009

Entered estimated leased savings per TJCSG estimate 160 SF per person and NCR \$37.29/SF.  
Entered estimated Force Protection savings at 160 SF per Person \$28.28/SF [source file 3].

Eliminated Cost and Savings associated with Robotics Program as it is program related and no delta change due to BRAC [source file 3].

2011

Entered estimated leased savings per TJCSG estimate 160 SF per person and NCR \$37.29/SF.  
Entered estimated Force Protection savings at 160 SF per Person \$28.28/SF

FOOTNOTES FOR SCREEN SEVEN

=====

All new MILCON at Detroit Arsenal was disallowed on the following basis:

Historically, in 1996 (not a peak year, but used to frame the problem) Detroit Arsenal (TACOM-Warren) had 3,767 civilians and 143 military on its roles. According to the June 2004 Civilian Personnel Structure at Selected Bases/Activities (Professional, Administrative and Technical Occupations) it shows Detroit Arsenal as having 3,287 civilians on board (1,344 Prof, 1,704 Admin and 239 Tech), and probably somewhere around 119 military. Between 1996 and 2004 none of the general purpose administration buildings at Detroit Arsenal were demolished. Based upon these number there is a reduction of 504 people.

If we look at the data for Bldgs 200A (129.8 KSF), 229 (162.3 KSF), 230 (198 KSF) and 231 (183.7 KSF) reported under TECH-0045 for Detroit Arsenal (included in source file 1), and applying an 85% utilization factor (research capacity responses, though limited, indicated more of a 70% utilization factor) would equate to 101.1 KSF of available general purpose administration floor space. If you apply the 160 SF/person TJCSG assumption to the 103 folks proposed to be relocated, assuming no loss of personnel due to other proposed BRAC actions, would equate to ~16,480 SF of floor space required. Since these four buildings are considered condition code green there is not a need for refurbishment.

Mathematically, excess capacity exists within Detroit Arsenal to accommodate the personnel proposed to be moved under TECH-0013 [source file 7]

DCN:11680

COBRA PERSONNEL/SF/SUSTAINMENT/RECAP/BOS DELTAS REPORT (COBRA v6.10)  
 Data As Of 8/10/2005 9:53:22 AM, Report Created 8/10/2005 9:53:25 AM

Department : Technical JCSG  
 Scenario File : C:\Tasker 784\Corrected Input Woodbridge move 08102005.CBR  
 Option Pkg Name: Establish Joint Centers for Land Vehicles R, D&A, and T&E  
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Base	Personnel			
	Start*	Finish*	Change	%Change
DRPM AAA	213	34	-179	-84%
REDSTONE	13,049	12,972	-77	-1%
DETROIT/SELFRIDGE	3,500	3,606	106	3%
BASE X (NAVY)	3,280	3,427	147	4%
TOTAL	20,042	20,039	-3	0%

Base	Square Footage				
	Start	Finish	Change	%Change	Chg/Per
DRPM AAA	0	0	0	0%	0
REDSTONE	11,688,000	11,683,000	-5,000	0%	65
DETROIT/SELFRIDGE	1,724,000	1,724,000	0	0%	0
BASE X (NAVY)	3,243,624	3,243,624	0	0%	0
TOTAL	16,655,624	16,650,624	-5,000	0%	1,667

Base	Base Operations Support (2005\$)				
	Start*	Finish*	Change	%Change	Chg/Per
DRPM AAA	0	0	0	0%	0
REDSTONE	51,684,595	51,514,383	-170,211	0%	2,210
DETROIT/SELFRIDGE	46,166,702	46,520,496	353,793	1%	3,338
BASE X (NAVY)	12,848,796	13,004,135	155,339	1%	1,057
TOTAL	110,700,093	111,039,014	338,921	0%	-112,974

Base	Sustainment (2005\$)				
	Start	Finish	Change	%Change	Chg/Per
DRPM AAA	0	0	0	0%	0
REDSTONE	30,333,914	30,320,937	-12,976	0%	168
DETROIT/SELFRIDGE	3,760,948	3,760,948	0	0%	0
BASE X (NAVY)	7,989,756	7,989,756	0	0%	0
TOTAL	42,084,618	42,071,641	-12,976	0%	4,325

Base	Recapitalization (2005\$)				
	Start	Finish	Change	%Change	Chg/Per
DRPM AAA	0	0	0	0%	0
REDSTONE	29,545,768	29,533,128	-12,639	0%	164
DETROIT/SELFRIDGE	4,016,373	4,016,373	0	0%	0
BASE X (NAVY)	6,065,101	6,065,101	0	0%	0
TOTAL	39,627,242	39,614,603	-12,639	0%	4,213

DCN:11680

Department : Technical JCSG  
 Scenario File : C:\Tasker 784\Corrected Input Woodbridge move 08102005.CBR  
 Option Pkg Name: Establish Joint Centers for Land Vehicles R, D&A, and T&E  
 Std Fctrs File : W:\Database\COBRA 6.10\BRAC2005.SFF

Base	Sustain + Recap + BOS (2005\$)				
	Start	Finish	Change	%Change	Chg/Per
DRPM AAA	0	0	0	0%	0
REDSTONE	111,564,277	111,368,449	-195,827	0%	2,543
DETROIT/SELFRIDGE	53,944,023	54,297,816	353,793	1%	3,338
BASE X (NAVY)	26,903,653	27,058,993	155,339	1%	1,057
TOTAL	192,411,953	192,725,259	313,305	0%	-104,435

Base	Plant Replacement Value (2005\$)				
	Start	Finish	Change	%Change	Chg/Per
DRPM AAA	0	0	0	0%	0
REDSTONE	3,043,214,095	3,041,912,241	-1,301,854	0%	16,907
DETROIT/SELFRIDGE	413,686,389	413,686,389	0	0%	0
BASE X (NAVY)	673,226,262	673,226,262	0	0%	0
TOTAL	4,130,126,746	4,128,824,892	-1,301,854	0%	433,951

\* "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.

Department : Technical JCSG  
 Scenario File : C:\Tasker 784\Corrected Input Woodbridge move 08102005.CBR  
 Option Pkg Name: Establish Joint Centers for Land Vehicles R, D&A, and T&E  
 Std Fctrs File : W:\Database\COBRA 6.10\BRAC2005.SFF

ONE-TIME COSTS -----(\$K)-----	2006 ----	2007 ----	2008 ----	2009 ----	2010 ----	2011 ----	Total -----
CONSTRUCTION							
MILCON	99	0	0	0	1,099	0	1,198
O&M							
CIV SALARY							
Civ RIF	0	0	231	119	0	415	765
Civ Retire	0	0	72	25	0	124	221
CIV MOVING							
Per Diem	0	0	281	117	0	406	805
POV Miles	0	0	7	2	0	24	33
Home Purch	0	0	688	507	0	1,977	3,172
HHG	0	0	189	73	0	580	843
Misc	0	0	55	23	0	92	170
House Hunt	0	0	183	75	0	307	565
PPP	0	0	35	35	0	0	71
RITA	0	0	340	203	0	786	1,329
FREIGHT							
Packing	0	0	4	1	0	7	12
Freight	0	0	26	10	0	98	134
Vehicles	0	0	0	0	0	6	6
Unemployment	0	0	18	9	0	31	58
OTHER							
Info Tech	0	0	12	5	0	23	40
Prog Manage	51	38	28	21	16	12	167
Supt Contract	0	0	0	0	0	0	0
Mothball	0	0	2	0	0	0	2
1-Time Move	0	0	0	0	0	0	0
MIL PERSONNEL							
MIL MOVING							
Per Diem	0	0	1	0	0	12	13
POV Miles	0	0	0	0	0	6	7
HHG	0	0	8	0	0	104	113
Misc	0	0	3	0	0	25	28
OTHER							
Elim PCS	0	0	0	0	0	10	10
OTHER							
HAP / RSE	0	0	128	0	0	1	128
Environmental	0	0	0	100	0	0	100
Misn Contract	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0
TOTAL ONE-TIME	149	38	2,312	1,325	1,115	5,050	9,991

Department : Technical JCSG  
 Scenario File : C:\Tasker 784\Corrected Input Woodbridge move 08102005.CBR  
 Option Pkg Name: Establish Joint Centers for Land Vehicles R, D&A, and T&E  
 Std Fctrs File : W:\Database\COBRA 6.10\BRAC2005.SFF

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	0	0	244	344	344	509	1,440	509
Civ Salary	0	0	285	351	351	458	1,446	564
TRICARE	0	0	-10	-10	-10	-10	-41	-10
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	34	34	34	132	236	132
OTHER								
Mission Activ	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	553	719	719	1,089	3,082	1,196
TOTAL COST	149	38	2,866	2,045	1,834	6,139	13,073	1,196
ONE-TIME SAVES	2006	2007	2008	2009	2010	2011	Total	
-----(\$K)-----	----	----	----	----	----	----	-----	
CONSTRUCTION								
MILCON	0	0	0	0	0	0	0	
O&M								
1-Time Move	0	0	0	0	0	0	0	
MIL PERSONNEL								
Mil Moving	0	0	12	0	0	76	89	
OTHER								
Environmental	0	0	0	0	0	0	0	
1-Time Other	0	0	0	145	0	665	810	
TOTAL ONE-TIME	0	0	12	145	0	741	899	
RECURRINGSAVES	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	13	13	13	13	51	13
Recap	0	0	12	12	12	13	50	13
BOS	0	0	168	168	168	170	674	170
Civ Salary	0	0	100	269	338	457	1,165	457
MIL PERSONNEL								
Off Salary	0	0	0	0	0	62	62	125
Enl Salary	0	0	0	0	0	0	0	0
House Allow	0	0	22	22	22	296	363	296
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	191	1,085	1,276	1,085
TOTAL RECUR	0	0	316	485	745	2,097	3,643	2,160
TOTAL SAVINGS	0	0	328	630	745	2,839	4,541	2,160

Department : Technical JCSG  
 Scenario File : C:\Tasker 784\Corrected Input Woodbridge move 08102005.CBR  
 Option Pkg Name: Establish Joint Centers for Land Vehicles R, D&A, and T&E  
 Std Fctrs File : W:\Database\COBRA 6.10\BRAC2005.SFF

ONE-TIME NET -----(\$K)-----	2006	2007	2008	2009	2010	2011	Total	
CONSTRUCTION								
MILCON	99	0	0	0	1,099	0	1,198	
O&M								
Civ Retir/RIF	0	0	303	143	0	539	986	
Civ Moving	0	0	1,809	1,047	0	4,285	7,141	
Info Tech	0	0	12	5	0	23	40	
Other	51	38	48	30	16	43	227	
MIL PERSONNEL								
Mil Moving	0	0	0	0	0	82	83	
OTHER								
HAP / RSE	0	0	128	0	0	1	128	
Environmental	0	0	0	100	0	0	100	
Misn Contract	0	0	0	0	0	0	0	
1-Time Other	0	0	0	-145	0	-665	-810	
TOTAL ONE-TIME	149	38	2,300	1,181	1,115	4,309	8,992	
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	-13	-13	-13	-13	-51	-13
Recap	0	0	-12	-12	-12	-13	-50	-13
BOS	0	0	76	176	176	339	766	339
Civ Salary	0	0	185	82	13	0	281	107
TRICARE	0	0	-10	-10	-10	-10	-41	-10
MIL PERSONNEL								
Mil Salary	0	0	0	0	0	-62	-62	-125
House Allow	0	0	12	12	12	-164	-127	-164
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	-191	-1,085	-1,276	-1,085
TOTAL RECUR	0	0	237	234	-25	-1,008	-561	-964
TOTAL NET COST	149	38	2,537	1,415	1,090	3,301	8,531	-964

Department : Technical JCSG  
 Scenario File : C:\Tasker 784\Corrected Input Woodbridge move 08102005.CBR  
 Option Pkg Name: Establish Joint Centers for Land Vehicles R, D&A, and T&E  
 Std Fctrs File : W:\Database\COBRA 6.10\BRAC2005.SFF

Base: DRPM AAA, VA (M48396)

ONE-TIME COSTS	2006	2007	2008	2009	2010	2011	Total
-----(\$K)-----	----	----	----	----	----	----	-----
CONSTRUCTION							
MILCON	0	0	0	0	0	0	0
O&M							
CIV SALARY							
Civ RIFs	0	0	0	119	0	415	534
Civ Retire	0	0	0	25	0	124	149
CIV MOVING							
Per Diem	0	0	0	117	0	406	523
POV Miles	0	0	0	2	0	24	27
Home Purch	0	0	0	507	0	1,977	2,484
HHG	0	0	0	73	0	580	653
Misc	0	0	0	23	0	92	115
House Hunt	0	0	0	75	0	307	382
PPP	0	0	0	35	0	0	35
RITA	0	0	0	203	0	786	989
FREIGHT							
Packing	0	0	0	1	0	7	9
Freight	0	0	0	10	0	98	108
Vehicles	0	0	0	0	0	6	6
Unemployment	0	0	0	9	0	31	40
OTHER							
Info Tech	0	0	0	5	0	23	28
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	12	12
POV Miles	0	0	0	0	0	6	6
HHG	0	0	0	0	0	104	104
Misc	0	0	0	0	0	25	25
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	1,204	0	5,027	6,231

Department : Technical JCSG  
 Scenario File : C:\Tasker 784\Corrected Input Woodbridge move 08102005.CBR  
 Option Pkg Name: Establish Joint Centers for Land Vehicles R, D&A, and T&E  
 Std Fctrs File : W:\Database\COBRA 6.10\BRAC2005.SFF

Base: DRPM AAA, VA (M48396)

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	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
TRICARE	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Off Salary	0	0	0	0	0	0	0	0
Enl Salary	0	0	0	0	0	0	0	0
House Allow	0	0	0	0	0	0	0	0
OTHER								
Mission Activ	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	0	0	0	0	0	0
TOTAL COSTS	0	0	0	1,204	0	5,027	6,231	0
ONE-TIME SAVES	2006	2007	2008	2009	2010	2011	Total	
-----(\$K)-----	----	----	----	----	----	----	-----	
CONSTRUCTION								
MILCON	0	0	0	0	0	0	0	
O&M								
1-Time Move	0	0	0	0	0	0	0	
MIL PERSONNEL								
Mil Moving	0	0	0	0	0	76	76	
OTHER								
Environmental	0	0	0	0	0	0	0	
1-Time Other	0	0	0	145	0	665	810	
TOTAL ONE-TIME	0	0	0	145	0	741	886	
RECURRINGSAVES	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	0	0	0	69	137	137	344	137
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	263	263	263
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	191	1,085	1,276	1,085
TOTAL RECUR	0	0	0	69	328	1,485	1,883	1,485
TOTAL SAVINGS	0	0	0	213	328	2,227	2,769	1,485

Department : Technical JCSG  
 Scenario File : C:\Tasker 784\Corrected Input Woodbridge move 08102005.CBR  
 Option Pkg Name: Establish Joint Centers for Land Vehicles R, D&A, and T&E  
 Std Fctrs File : W:\Database\COBRA 6.10\BRAC2005.SFF

Base: DRPM AAA, VA (M48396)

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	143	0	539	683	
Civ Moving	0	0	0	1,047	0	4,285	5,332	
Info Tech	0	0	0	5	0	23	28	
Other	0	0	0	9	0	31	40	
MIL PERSONNEL								
Mil Moving	0	0	0	0	0	72	72	
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	-145	0	-665	-810	
TOTAL ONE-TIME	0	0	0	1,059	0	4,286	5,345	
RECURRING NET								
----(\$K)----	----	----	----	----	----	----	----	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
Sustainment	0	0	0	0	0	0	0	0
Recap	0	0	0	0	0	0	0	0
BOS	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	-69	-137	-137	-344	-137
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	-263	-263	-263
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	-191	-1,085	-1,276	-1,085
TOTAL RECUR	0	0	0	-69	-328	-1,485	-1,883	-1,485
TOTAL NET COST	0	0	0	991	-328	2,800	3,462	-1,485

Department : Technical JCSG  
 Scenario File : C:\Tasker 784\Corrected Input Woodbridge move 08102005.CBR  
 Option Pkg Name: Establish Joint Centers for Land Vehicles R, D&A, and T&E  
 Std Fctrs File : W:\Database\COBRA 6.10\BRAC2005.SFF

Base: REDSTONE, AL (01750)	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	231	0	0	0	231
Civ Retire	0	0	72	0	0	0	72
CIV MOVING							
Per Diem	0	0	281	0	0	0	281
POV Miles	0	0	7	0	0	0	7
Home Purch	0	0	688	0	0	0	688
HHG	0	0	189	0	0	0	189
Misc	0	0	55	0	0	0	55
House Hunt	0	0	183	0	0	0	183
PPP	0	0	35	0	0	0	35
RITA	0	0	340	0	0	0	340
FREIGHT							
Packing	0	0	4	0	0	0	4
Freight	0	0	26	0	0	0	26
Vehicles	0	0	0	0	0	0	0
Unemployment	0	0	18	0	0	0	18
OTHER							
Info Tech	0	0	12	0	0	0	12
Prog Manage	51	38	28	21	16	12	167
Supt Contract	0	0	0	0	0	0	0
Mothball	0	0	2	0	0	0	2
1-Time Move	0	0	0	0	0	0	0
MIL PERSONNEL							
MIL MOVING							
Per Diem	0	0	1	0	0	0	1
POV Miles	0	0	0	0	0	0	0
HHG	0	0	8	0	0	0	8
Misc	0	0	3	0	0	0	3
OTHER							
Elim PCS	0	0	0	0	0	10	10
OTHER							
HAP / RSE	0	0	128	0	0	1	128
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	51	38	2,312	21	16	23	2,462

Department : Technical JCSG  
 Scenario File : C:\Tasker 784\Corrected Input Woodbridge move 08102005.CBR  
 Option Pkg Name: Establish Joint Centers for Land Vehicles R, D&A, and T&E  
 Std Fctrs File : W:\Database\COBRA 6.10\BRAC2005.SFF

Base: REDSTONE, AL (01750)	2006	2007	2008	2009	2010	2011	Total	Beyond
RECURRINGCOSTS								
-----(\$K)-----	-----	-----	-----	-----	-----	-----	-----	-----
O&M								
Sustainment	0	0	0	0	0	0	0	0
Recap	0	0	0	0	0	0	0	0
BOS	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
TRICARE	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Off Salary	0	0	0	0	0	0	0	0
Enl Salary	0	0	0	0	0	0	0	0
House Allow	0	0	0	0	0	0	0	0
OTHER								
Mission Activ	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	0	0	0	0	0	0
TOTAL COSTS	51	38	2,312	21	16	23	2,462	0
ONE-TIME SAVES	2006	2007	2008	2009	2010	2011	Total	
-----(\$K)-----	-----	-----	-----	-----	-----	-----	-----	
CONSTRUCTION								
MILCON	0	0	0	0	0	0	0	
O&M								
1-Time Move	0	0	0	0	0	0	0	
MIL PERSONNEL								
Mil Moving	0	0	12	0	0	0	12	
OTHER								
Environmental	0	0	0	0	0	0	0	
1-Time Other	0	0	0	0	0	0	0	
TOTAL ONE-TIME	0	0	12	0	0	0	12	
RECURRINGSAVES	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	13	13	13	13	51	13
Recap	0	0	12	12	12	13	50	13
BOS	0	0	168	168	168	170	674	170
Civ Salary	0	0	100	200	200	200	702	200
MIL PERSONNEL								
Off Salary	0	0	0	0	0	62	62	125
Enl Salary	0	0	0	0	0	0	0	0
House Allow	0	0	22	22	22	33	101	33
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission Activ	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	316	416	416	492	1,641	555
TOTAL SAVINGS	0	0	328	416	416	492	1,653	555

Department : Technical JCSG  
 Scenario File : C:\Tasker 784\Corrected Input Woodbridge move 08102005.CBR  
 Option Pkg Name: Establish Joint Centers for Land Vehicles R, D&A, and T&E  
 Std Fctrs File : W:\Database\COBRA 6.10\BRAC2005.SFF

Base: REDSTONE, AL (01750)	2006	2007	2008	2009	2010	2011	Total	
ONE-TIME NET								
----(\$K)----	----	----	----	----	----	----	----	----
CONSTRUCTION								
MILCON	0	0	0	0	0	0	0	
O&M								
Civ Retir/RIF	0	0	303	0	0	0	303	
Civ Moving	0	0	1,809	0	0	0	1,809	
Info Tech	0	0	12	0	0	0	12	
Other	51	38	48	21	16	12	187	
MIL PERSONNEL								
Mil Moving	0	0	0	0	0	10	11	
OTHER								
HAP / RSE	0	0	128	0	0	1	128	
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	51	38	2,300	21	16	23	2,449	
RECURRING NET	2006	2007	2008	2009	2010	2011	Total	Beyond
----(\$K)----	----	----	----	----	----	----	----	----
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
Sustainment	0	0	-13	-13	-13	-13	-51	-13
Recap	0	0	-12	-12	-12	-13	-50	-13
BOS	0	0	-168	-168	-168	-170	-674	-170
Civ Salary	0	0	-100	-200	-200	-200	-702	-200
TRICARE	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Salary	0	0	0	0	0	-62	-62	-125
House Allow	0	0	-22	-22	-22	-33	-101	-33
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission Activ	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	-316	-416	-416	-492	-1,641	-555
TOTAL NET COST	51	38	1,984	-395	-400	-469	809	-555

Department : Technical JCSG  
 Scenario File : C:\Tasker 784\Corrected Input Woodbridge move 08102005.CBR  
 Option Pkg Name: Establish Joint Centers for Land Vehicles R, D&A, and T&E  
 Std Fctrs File : W:\Database\COBRA 6.10\BRAC2005.SFF

Base: DETROIT/SELFRIDGE, MI (26221)

ONE-TIME COSTS	2006	2007	2008	2009	2010	2011	Total
-----(\$K)-----	----	----	----	----	----	----	-----
CONSTRUCTION							
MILCON	0	0	0	0	0	0	0
O&M							
CIV SALARY							
Civ RIFs	0	0	0	0	0	0	0
Civ Retire	0	0	0	0	0	0	0
CIV MOVING							
Per Diem	0	0	0	0	0	0	0
POV Miles	0	0	0	0	0	0	0
Home Purch	0	0	0	0	0	0	0
HHG	0	0	0	0	0	0	0
Misc	0	0	0	0	0	0	0
House Hunt	0	0	0	0	0	0	0
PPP	0	0	0	0	0	0	0
RITA	0	0	0	0	0	0	0
FREIGHT							
Packing	0	0	0	0	0	0	0
Freight	0	0	0	0	0	0	0
Vehicles	0	0	0	0	0	0	0
Unemployment	0	0	0	0	0	0	0
OTHER							
Info Tech	0	0	0	0	0	0	0
Prog Manage	0	0	0	0	0	0	0
Supt Contract	0	0	0	0	0	0	0
Mothball	0	0	0	0	0	0	0
1-Time Move	0	0	0	0	0	0	0
MIL PERSONNEL							
MIL MOVING							
Per Diem	0	0	0	0	0	0	0
POV Miles	0	0	0	0	0	0	0
HHG	0	0	0	0	0	0	0
Misc	0	0	0	0	0	0	0
OTHER							
Elim PCS	0	0	0	0	0	0	0
OTHER							
HAP / RSE	0	0	0	0	0	0	0
Environmental	0	0	0	100	0	0	100
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	100	0	0	100

Department : Technical JCSG  
 Scenario File : C:\Tasker 784\Corrected Input Woodbridge move 08102005.CBR  
 Option Pkg Name: Establish Joint Centers for Land Vehicles R, D&A, and T&E  
 Std Fctrs File : W:\Database\COBRA 6.10\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	244	344	344	354	1,285	354
Civ Salary	0	0	285	351	351	458	1,446	564
TRICARE	0	0	-10	-10	-10	-10	-41	-10
<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	34	34	34	34	138	34
<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>553</b>	<b>719</b>	<b>719</b>	<b>836</b>	<b>2,828</b>	<b>942</b>
<b>TOTAL COSTS</b>	<b>0</b>	<b>0</b>	<b>553</b>	<b>819</b>	<b>719</b>	<b>836</b>	<b>2,928</b>	<b>942</b>
<b>ONE-TIME SAVES</b>								
-----(\$K)-----	2006	2007	2008	2009	2010	2011	Total	
-----	----	----	----	----	----	----	-----	
<b>CONSTRUCTION</b>								
MILCON	0	0	0	0	0	0	0	
<b>O&amp;M</b>								
1-Time Move	0	0	0	0	0	0	0	
<b>MIL PERSONNEL</b>								
Mil Moving	0	0	0	0	0	0	0	
<b>OTHER</b>								
Environmental	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>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>RECURRINGSAVES</b>								
-----(\$K)-----	2006	2007	2008	2009	2010	2011	Total	Beyond
-----	----	----	----	----	----	----	-----	-----
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	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>								
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>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 SAVINGS</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>

Department : Technical JCSG  
 Scenario File : C:\Tasker 784\Corrected Input Woodbridge move 08102005.CBR  
 Option Pkg Name: Establish Joint Centers for Land Vehicles R, D&A, and T&E  
 Std Fctrs File : W:\Database\COBRA 6.10\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	0
<b>O&amp;M</b>								
Civ Retir/RIF	0	0	0	0	0	0	0	0
Civ Moving	0	0	0	0	0	0	0	0
Info Tech	0	0	0	0	0	0	0	0
Other	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>								
HAP / RSE	0	0	0	0	0	0	0	0
Environmental	0	0	0	100	0	0	100	
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>	<b>0</b>	<b>0</b>	<b>100</b>	<b>0</b>	<b>0</b>	<b>100</b>	
<b>RECURRING NET</b>								
-----(\$K)-----	2006	2007	2008	2009	2010	2011	Total	Beyond
-----	----	----	----	----	----	----	-----	-----
<b>FAM HOUSE OPS</b>								
O&M	0	0	0	0	0	0	0	0
Sustainment	0	0	0	0	0	0	0	0
Recap	0	0	0	0	0	0	0	0
BOS	0	0	244	344	344	354	1,285	354
Civ Salary	0	0	285	351	351	458	1,446	564
TRICARE	0	0	-10	-10	-10	-10	-41	-10
<b>MIL PERSONNEL</b>								
Mil Salary	0	0	0	0	0	0	0	0
House Allow	0	0	34	34	34	34	138	34
<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>0</b>	<b>0</b>	<b>553</b>	<b>719</b>	<b>719</b>	<b>836</b>	<b>2,828</b>	<b>942</b>
<b>TOTAL NET COST</b>	<b>0</b>	<b>0</b>	<b>553</b>	<b>819</b>	<b>719</b>	<b>836</b>	<b>2,928</b>	<b>942</b>

Department : Technical JCSG  
 Scenario File : C:\Tasker 784\Corrected Input Woodbridge move 08102005.CBR  
 Option Pkg Name: Establish Joint Centers for Land Vehicles R, D&A, and T&E  
 Std Fctrs File : W:\Database\COBRA 6.10\BRAC2005.SFF

Base: BASE X (NAVY), US (XNAVY)	2006	2007	2008	2009	2010	2011	Total
ONE-TIME COSTS	-----	-----	-----	-----	-----	-----	-----
----- (\$K)-----	-----	-----	-----	-----	-----	-----	-----
CONSTRUCTION							
MILCON	99	0	0	0	1,099	0	1,198
O&M							
CIV SALARY							
Civ RIFs	0	0	0	0	0	0	0
Civ Retire	0	0	0	0	0	0	0
CIV MOVING							
Per Diem	0	0	0	0	0	0	0
POV Miles	0	0	0	0	0	0	0
Home Purch	0	0	0	0	0	0	0
HHG	0	0	0	0	0	0	0
Misc	0	0	0	0	0	0	0
House Hunt	0	0	0	0	0	0	0
PPP	0	0	0	0	0	0	0
RITA	0	0	0	0	0	0	0
FREIGHT							
Packing	0	0	0	0	0	0	0
Freight	0	0	0	0	0	0	0
Vehicles	0	0	0	0	0	0	0
Unemployment	0	0	0	0	0	0	0
OTHER							
Info Tech	0	0	0	0	0	0	0
Prog Manage	0	0	0	0	0	0	0
Supt Contract	0	0	0	0	0	0	0
Mothball	0	0	0	0	0	0	0
1-Time Move	0	0	0	0	0	0	0
MIL PERSONNEL							
MIL MOVING							
Per Diem	0	0	0	0	0	0	0
POV Miles	0	0	0	0	0	0	0
HHG	0	0	0	0	0	0	0
Misc	0	0	0	0	0	0	0
OTHER							
Elim PCS	0	0	0	0	0	0	0
OTHER							
HAP / RSE	0	0	0	0	0	0	0
Environmental	0	0	0	0	0	0	0
Misn Contract	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0
TOTAL ONE-TIME	99	0	0	0	1,099	0	1,198

Department : Technical JCSG  
 Scenario File : C:\Tasker 784\Corrected Input Woodbridge move 08102005.CBR  
 Option Pkg Name: Establish Joint Centers for Land Vehicles R, D&A, and T&E  
 Std Fctrs File : W:\Database\COBRA 6.10\BRAC2005.SFF

Base: BASE X (NAVY), US (XNAVY)	2006	2007	2008	2009	2010	2011	Total	Beyond
RECURRINGCOSTS								
-----(\$K)-----	-----	-----	-----	-----	-----	-----	-----	-----
O&M								
Sustainment	0	0	0	0	0	0	0	0
Recap	0	0	0	0	0	0	0	0
BOS	0	0	0	0	0	155	155	155
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	98	98	98
OTHER								
Mission Activ	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	0	0	0	253	253	253
TOTAL COSTS	99	0	0	0	1,099	253	1,451	253
ONE-TIME SAVES	2006	2007	2008	2009	2010	2011	Total	
-----(\$K)-----	-----	-----	-----	-----	-----	-----	-----	
CONSTRUCTION								
MILCON	0	0	0	0	0	0	0	
O&M								
1-Time Move	0	0	0	0	0	0	0	
MIL PERSONNEL								
Mil Moving	0	0	0	0	0	0	0	
OTHER								
Environmental	0	0	0	0	0	0	0	
1-Time Other	0	0	0	0	0	0	0	
TOTAL ONE-TIME	0	0	0	0	0	0	0	
RECURRINGSAVES	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	0	0	0	0	0	119	119	119
MIL PERSONNEL								
Off Salary	0	0	0	0	0	0	0	0
Enl Salary	0	0	0	0	0	0	0	0
House Allow	0	0	0	0	0	0	0	0
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission Activ	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	0	0	0	119	119	119
TOTAL SAVINGS	0	0	0	0	0	119	119	119

Department : Technical JCSG  
 Scenario File : C:\Tasker 784\Corrected Input Woodbridge move 08102005.CBR  
 Option Pkg Name: Establish Joint Centers for Land Vehicles R, D&A, and T&E  
 Std Fctrs File : W:\Database\COBRA 6.10\BRAC2005.SFF

Base: BASE X (NAVY), US (XNAVY)								
ONE-TIME NET	2006	2007	2008	2009	2010	2011	Total	
-----(\$K)-----	----	----	----	----	----	----	-----	
<b>CONSTRUCTION</b>								
MILCON	99	0	0	0	1,099	0	1,198	
<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>99</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,099</b>	<b>0</b>	<b>1,198</b>	
<b>RECURRING NET</b>								
-----(\$K)-----	2006	2007	2008	2009	2010	2011	Total	Beyond
-----	----	----	----	----	----	----	-----	-----
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	155	155	155
Civ Salary	0	0	0	0	0	-119	-119	-119
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	98	98	98
<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>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>134</b>	<b>134</b>	<b>134</b>
<b>TOTAL NET COST</b>	<b>99</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,099</b>	<b>134</b>	<b>1,332</b>	<b>134</b>

DCN:11680

TOTAL COBRA MILITARY CONSTRUCTION ASSETS REPORT (COBRA v6.10)

Data As Of 8/10/2005 9:53:22 AM, Report Created 8/10/2005 9:53:25 AM

Department : Technical JCSG  
Scenario File : C:\Tasker 784\Corrected Input Woodbridge move 08102005.CBR  
Option Pkg Name: Establish Joint Centers for Land Vehicles R, D&A, and T&E  
Std Fctrs File : W:\Database\COBRA 6.10\BRAC2005.SFF

All values in 2005 Constant Dollars

Base Name	Total MilCon*	Milcon Cost Avoidance	Total Net Costs
DRPM AAA	0	0	0
REDSTONE	0	0	0
DETROIT/SELFRIDGE	0	0	0
BASE X (NAVY)	1,197,755	0	1,197,755
Totals:	1,197,755	0	1,197,755

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

DCN:11680

COBRA MILITARY CONSTRUCTION ASSETS REPORT (COBRA v6.10) - Page 2  
Data As Of 8/10/2005 9:53:22 AM, Report Created 8/10/2005 9:53:25 AM

Department : Technical JCSG  
Scenario File : C:\Tasker 784\Corrected Input Woodbridge move 08102005.CBR  
Option Pkg Name: Establish Joint Centers for Land Vehicles R, D&A, and T&E  
Std Fctrs File : W:\Database\COBRA 6.10\BRAC2005.SFF

MilCon for Base: BASE X (NAVY), US (XNAVY)

All values in 2005 Constant Dollars (\$K)

FAC	Title	UM	New MilCon	New Cost*	Using Rehab Rehab Type	Rehab Cost*	Total Cost*
6100	General Administrative Building	SF	0	0	23,520 Amber	1,198	1,198
					Total Construction Cost:		1,198
					- Construction Cost Avoid:		0
					Total Net Milcon Cost:		1,198

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

DCN:11680

COBRA NET PRESENT VALUES REPORT (COBRA v6.10)

Data As Of 8/10/2005 9:53:22 AM, Report Created 8/10/2005 9:53:25 AM

Department : Technical JCSG  
Scenario File : C:\Tasker 784\Corrected Input Woodbridge move 08102005.CBR  
Option Pkg Name: Establish Joint Centers for Land Vehicles R, D&A, and T&E  
Std Fctrs File : W:\Database\COBRA 6.10\BRAC2005.SFF

Year	Cost (\$)	Adjusted Cost (\$)	NPV (\$)
2006	149,579	147,528	147,528
2007	38,011	36,469	183,997
2008	2,537,408	2,368,141	2,552,138
2009	1,415,369	1,284,972	3,837,110
2010	1,089,840	962,484	4,799,595
2011	3,300,982	2,835,835	7,635,430
2012	-964,143	-805,724	6,829,706
2013	-964,143	-783,778	6,045,927
2014	-964,143	-762,430	5,283,497
2015	-964,143	-741,664	4,541,833
2016	-964,143	-721,463	3,820,371
2017	-964,143	-701,812	3,118,558
2018	-964,143	-682,696	2,435,862
2019	-964,143	-664,102	1,771,760
2020	-964,143	-646,013	1,125,747
2021	-964,143	-628,418	497,329
2022	-964,143	-611,301	-113,972
2023	-964,143	-594,651	-708,623
2024	-964,143	-578,454	-1,287,077
2025	-964,143	-562,699	-1,849,776

DCN:11680

COBRA SUSTAINMENT/RECAP/BOS/HOUSING CHANGE REPORT (COBRA v6.10)

Data As Of 8/10/2005 9:53:22 AM, Report Created 8/10/2005 9:53:25 AM

Department : Technical JCSG  
 Scenario File : C:\Tasker 784\Corrected Input Woodbridge move 08102005.CBR  
 Option Pkg Name: Establish Joint Centers for Land Vehicles R, D&A, and T&E  
 Std Fctrs File : W:\Database\COBRA 6.10\BRAC2005.SFF

Net Change(\$K)	2006	2007	2008	2009	2010	2011	Total	Beyond
Sustain Change	0	0	-13	-13	-13	-13	-51	-13
Recap Change	0	0	-12	-12	-12	-13	-50	-13
BOS Change	0	0	76	176	176	339	766	339
Housing Change	0	0	0	0	0	0	0	0
<b>TOTAL CHANGES</b>	<b>0</b>	<b>0</b>	<b>50</b>	<b>150</b>	<b>150</b>	<b>313</b>	<b>665</b>	<b>313</b>

DRPM AAA, VA (M48396)

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	0	0	0	0	0	0	0	0
Housing Change	0	0	0	0	0	0	0	0
<b>TOTAL CHANGES</b>	<b>0</b>							

REDSTONE, AL (01750)

Net Change(\$K)	2006	2007	2008	2009	2010	2011	Total	Beyond
Sustain Change	0	0	-13	-13	-13	-13	-51	-13
Recap Change	0	0	-12	-12	-12	-13	-50	-13
BOS Change	0	0	-168	-168	-168	-170	-674	-170
Housing Change	0	0	0	0	0	0	0	0
<b>TOTAL CHANGES</b>	<b>0</b>	<b>0</b>	<b>-193</b>	<b>-193</b>	<b>-193</b>	<b>-196</b>	<b>-776</b>	<b>-196</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	0	0	244	344	344	354	1,285	354
Housing Change	0	0	0	0	0	0	0	0
<b>TOTAL CHANGES</b>	<b>0</b>	<b>0</b>	<b>244</b>	<b>344</b>	<b>344</b>	<b>354</b>	<b>1,285</b>	<b>354</b>

BASE X (NAVY), US (XNAVY)

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	0	0	0	0	0	155	155	155
Housing Change	0	0	0	0	0	0	0	0
<b>TOTAL CHANGES</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>155</b>	<b>155</b>	<b>155</b>

Department : Technical JCSG  
 Scenario File : C:\Tasker 784\Corrected Input Woodbridge move 08102005.CBR  
 Option Pkg Name: Establish Joint Centers for Land Vehicles R, D&A, and T&E  
 Std Fctrs File : W:\Database\COBRA 6.10\BRAC2005.SFF

	Rate	2006	2007	2008	2009	2010	2011	Total
	----	----	----	----	----	----	----	----
CIVILIAN POSITIONS REALIGNING OUT		0	0	70	30	0	122	222
Early Retirement*	8.10%	0	0	6	2	0	10	18
Regular Retirement*	1.67%	0	0	1	1	0	2	4
Civilian Turnover*	9.16%	0	0	6	3	0	11	20
Civs Not Moving (RIFs)*	6.00%	0	0	4	2	0	7	13
Civilians Moving (the remainder)		0	0	53	22	0	92	167
Civilian Positions Available		0	0	17	8	0	30	55
CIVILIAN POSITIONS ELIMINATED		0	0	3	2	0	0	5
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	1	1	0	0	2
Civilians Available to Move		0	0	2	1	0	0	3
Civilians Moving		0	0	2	1	0	0	3
Civilian RIFs (the remainder)		0	0	0	0	0	0	0
CIVILIAN POSITIONS REALIGNING IN		0	0	70	30	0	122	222
Civilians Moving		0	0	55	23	0	92	170
New Civilians Hired		0	0	15	7	0	30	52
Other Civilian Additions		0	0	0	0	0	3	3
TOTAL CIVILIAN EARLY RETIREMENTS		0	0	6	2	0	10	18
TOTAL CIVILIAN RIFS		0	0	4	2	0	7	13
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	0	1	1	0	0	2
TOTAL CIVILIAN NEW HIRES		0	0	15	7	0	33	55

\* 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 : Technical JCSG  
 Scenario File : C:\Tasker 784\Corrected Input Woodbridge move 08102005.CBR  
 Option Pkg Name: Establish Joint Centers for Land Vehicles R, D&A, and T&E  
 Std Fctrs File : W:\Database\COBRA 6.10\BRAC2005.SFF

Base: DRPM AAA, VA (M48396)	Rate	2006	2007	2008	2009	2010	2011	Total
CIVILIAN POSITIONS REALIGNING OUT		0	0	0	30	0	122	152
Early Retirement*	8.10%	0	0	0	2	0	10	12
Regular Retirement*	1.67%	0	0	0	1	0	2	3
Civilian Turnover*	9.16%	0	0	0	3	0	11	14
Civs Not Moving (RIFs)*	6.00%	0	0	0	2	0	7	9
Civilians Moving (the remainder)		0	0	0	22	0	92	114
Civilian Positions Available		0	0	0	8	0	30	38
CIVILIAN POSITIONS ELIMINATED		0	0	0	2	0	0	2
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	1	0	0	1
Civilians Available to Move		0	0	0	1	0	0	1
Civilians Moving		0	0	0	1	0	0	1
Civilian RIFs (the remainder)		0	0	0	0	0	0	0
CIVILIAN POSITIONS REALIGNING IN		0	0	0	0	0	0	0
Civilians Moving		0	0	0	0	0	0	0
New Civilians Hired		0	0	0	0	0	0	0
Other Civilian Additions		0	0	0	0	0	0	0
TOTAL CIVILIAN EARLY RETIRMENTS		0	0	0	2	0	10	12
TOTAL CIVILIAN RIFS		0	0	0	2	0	7	9
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	0	0	1	0	0	1
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 : Technical JCSG  
 Scenario File : C:\Tasker 784\Corrected Input Woodbridge move 08102005.CBR  
 Option Pkg Name: Establish Joint Centers for Land Vehicles R, D&A, and T&E  
 Std Fctrs File : W:\Database\COBRA 6.10\BRAC2005.SFF

Base: REDSTONE, AL (01750)	Rate	2006	2007	2008	2009	2010	2011	Total
CIVILIAN POSITIONS REALIGNING OUT		0	0	70	0	0	0	70
Early Retirement*	8.10%	0	0	6	0	0	0	6
Regular Retirement*	1.67%	0	0	1	0	0	0	1
Civilian Turnover*	9.16%	0	0	6	0	0	0	6
Civs Not Moving (RIFs)*	6.00%	0	0	4	0	0	0	4
Civilians Moving (the remainder)		0	0	53	0	0	0	53
Civilian Positions Available		0	0	17	0	0	0	17
CIVILIAN POSITIONS ELIMINATED		0	0	3	0	0	0	3
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	1	0	0	0	1
Civilians Available to Move		0	0	2	0	0	0	2
Civilians Moving		0	0	2	0	0	0	2
Civilian RIFs (the remainder)		0	0	0	0	0	0	0
CIVILIAN POSITIONS REALIGNING IN		0	0	0	0	0	0	0
Civilians Moving		0	0	0	0	0	0	0
New Civilians Hired		0	0	0	0	0	0	0
Other Civilian Additions		0	0	0	0	0	0	0
TOTAL CIVILIAN EARLY RETIRMENTS		0	0	6	0	0	0	6
TOTAL CIVILIAN RIFS		0	0	4	0	0	0	4
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	0	1	0	0	0	1
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 : Technical JCSG  
 Scenario File : C:\Tasker 784\Corrected Input Woodbridge move 08102005.CBR  
 Option Pkg Name: Establish Joint Centers for Land Vehicles R, D&A, and T&E  
 Std Fctrs File : W:\Database\COBRA 6.10\BRAC2005.SFF

Base: DETROIT/SELFRIDGE, MI (26221)	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		0	0	70	30	0	0	100
New Civilians Hired		0	0	55	23	0	0	78
Other Civilian Additions		0	0	15	7	0	0	22
		0	0	0	0	0	3	3
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	15	7	0	3	25

\* 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 : Technical JCSG  
 Scenario File : C:\Tasker 784\Corrected Input Woodbridge move 08102005.CBR  
 Option Pkg Name: Establish Joint Centers for Land Vehicles R, D&A, and T&E  
 Std Fctrs File : W:\Database\COBRA 6.10\BRAC2005.SFF

Base: BASE X (NAVY), US (XNAVY)Rate	2006	2007	2008	2009	2010	2011	Total
CIVILIAN POSITIONS REALIGNING OUT	0	0	0	0	0	0	0
Early Retirement*	8.10%	0	0	0	0	0	0
Regular Retirement*	1.67%	0	0	0	0	0	0
Civilian Turnover*	9.16%	0	0	0	0	0	0
Civs Not Moving (RIFs)*	6.00%	0	0	0	0	0	0
Civilians Moving (the remainder)		0	0	0	0	0	0
Civilian Positions Available		0	0	0	0	0	0
CIVILIAN POSITIONS ELIMINATED	0	0	0	0	0	0	0
Early Retirement	8.10%	0	0	0	0	0	0
Regular Retirement	1.67%	0	0	0	0	0	0
Civilian Turnover	9.16%	0	0	0	0	0	0
Civs Not Moving (RIFs)*	6.00%	0	0	0	0	0	0
Priority Placement#	39.97%	0	0	0	0	0	0
Civilians Available to Move		0	0	0	0	0	0
Civilians Moving		0	0	0	0	0	0
Civilian RIFs (the remainder)		0	0	0	0	0	0
CIVILIAN POSITIONS REALIGNING IN	0	0	0	0	0	122	122
Civilians Moving		0	0	0	0	92	92
New Civilians Hired		0	0	0	0	30	30
Other Civilian Additions		0	0	0	0	0	0
TOTAL CIVILIAN EARLY RETIRMENTS		0	0	0	0	0	0
TOTAL CIVILIAN RIFS		0	0	0	0	0	0
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	0	0	0	0	0
TOTAL CIVILIAN NEW HIRES		0	0	0	0	30	30

\* 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 : Technical JCSG  
 Scenario File : C:\Tasker 784\Corrected Input Woodbridge move 08102005.CBR  
 Option Pkg Name: Establish Joint Centers for Land Vehicles R, D&A, and T&E  
 Std Fctrs File : W:\Database\COBRA 6.10\BRAC2005.SFF

Base: DRPM AAA, VA (M48396)

Year	Pers Moved In/Added		MilCon TimePhase	Pers Moved Out/Eliminated		ShutDn TimePhase
	Total	Percent		Total	Percent	
2006	0	0.00%	33.33%	0	0.00%	0.00%
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%	32	17.88%	17.88%
2010	0	0.00%	16.67%	0	0.00%	0.00%
2011	0	0.00%	0.00%	147	82.12%	82.12%
TOTALS	0	0.00%	100.00%	179	100.00%	100.00%

Base: REDSTONE, AL (01750)

Year	Pers Moved In/Added		MilCon TimePhase	Pers Moved Out/Eliminated		ShutDn TimePhase
	Total	Percent		Total	Percent	
2006	0	0.00%	33.33%	0	0.00%	0.00%
2007	0	0.00%	16.67%	0	0.00%	0.00%
2008	0	0.00%	16.67%	76	98.70%	98.70%
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%	1	1.30%	1.30%
TOTALS	0	0.00%	100.00%	77	100.00%	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%	0.00%	0	0.00%	16.67%
2007	0	0.00%	68.87%	0	0.00%	16.67%
2008	73	68.87%	28.30%	0	0.00%	16.67%
2009	30	28.30%	0.00%	0	0.00%	16.67%
2010	0	0.00%	2.83%	0	0.00%	16.67%
2011	3	2.83%	0.00%	0	0.00%	16.67%
TOTALS	106	100.00%	100.00%	0	0.00%	100.00%

Department : Technical JCSG  
 Scenario File : C:\Tasker 784\Corrected Input Woodbridge move 08102005.CBR  
 Option Pkg Name: Establish Joint Centers for Land Vehicles R, D&A, and T&E  
 Std Fctrs File : W:\Database\COBRA 6.10\BRAC2005.SFF

Base: BASE X (NAVY), US (XNAVY)

Year	Pers Moved In/Added		MilCon TimePhase	Pers Moved Out/Eliminated		ShutDn TimePhase
	Total	Percent		Total	Percent	
2006	0	0.00%	0.00%	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%	100.00%	0	0.00%	16.67%
2011	147	100.00%	0.00%	0	0.00%	16.67%
TOTALS	147	100.00%	100.00%	0	0.00%	100.00%

DCN:11680

350443

T2-D2

DCN:11680

TECH - ~~REV~~ Revised by GAO

COBRA REALIGNMENT SUMMARY REPORT (COBRA v6.10) - Page 1/2  
Data As Of 6/13/2005 9:51:20 AM, Report Created 6/13/2005 9:52:46 AM

Department : Technical JCSG  
Scenario File : D:\My Documents\COBRA\TECH\done\sensitivity analysis\hlm TECH 13 adjust recurring savings.CBR  
Option Pkg Name: Establish Joint Centers for Land Vehicles R, D&A, and T&E  
Std Fctrs File : D:\My Documents\COBRA\Army COBRA 6.10\BRAC2005.SPF

Starting Year : 2006  
Final Year : 2011  
Payback Year : Never <sup>1R3</sup>

NPV in 2025(\$K): 4,348 <sup>1R2</sup>  
1-Time Cost(\$K): 3,767

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	0	0	518	247	25	69	859	102
Overhd	51	38	81	172	-24	-21	296	-33
Moving	0	0	1,821	1,052	0	0	2,873	0
Missio	0	0	0	0	0	0	0	0
Other	0	0	117	90	-155	-9	43	-10
<b>TOTAL</b>	<b>51</b>	<b>38</b>	<b>2,538</b>	<b>1,560</b>	<b>-154</b>	<b>38</b>	<b>4,071</b>	<b>59</b>

Annual recurring COST

1R1

	2006	2007	2008	2009	2010	2011	Total
--	------	------	------	------	------	------	-------

POSITIONS ELIMINATED

Off	0	0	0	0	0	1	1
Enl	0	0	0	0	0	0	0
Civ	0	0	3	2	0	0	5
TOT	0	0	3	2	0	1	6

POSITIONS REALIGNED

Off	0	0	3	0	0	0	3
Enl	0	0	0	0	0	0	0
Stu	0	0	0	0	0	0	0
Civ	0	0	70	30	0	0	100
TOT	0	0	73	30	0	0	103

Summary:

Realign Redstone Arsenal, Huntsville AL, by relocating the joint robotics program development and Acquisition activities to Detroit Arsenal, Warren, MI, and consolidate them with the Program Executive Office Ground Combat Systems, Program Executive Office Combat Support and Combat Service Support and Tank Automotive Research Development Engineering Center. Realign the USMC Ground Forces initiative D&A activities at Direct Reporting Program Manager Advanced Amphibious Assault (DRPM AAA) facilities in Woodbridge, VA, by relocating to Detroit Arsenal, Warren, MI [source file 3].

CDR MCB Quantico USMC Marine Corps System Command (MARCORSYSCOM) was excluded after it was determined that proposed action actions would have a serious and detrimental impact on the overall effectiveness and its acquisition, sustainment and life cycle management mission [source file 3].

Source: T2-D, T2D  
Purpose: Document changes to costs and savings by correcting data

Rock Island Arsenal Rock Island Arsenal for Development & Acquisition was not included because the FTEs they reported were less than 30 FTEs [source file 4].

USMC DRPM AAAA detachment located at Camp Pendleton, though reported as doing D&A, the work they are actually engaged in is performing test in actual conditions (i.e., in the ocean surf, on-load and off-load from amphibious shipping at sea, etc.), performing Developmental Testing (DT) and Operational Testing (OT), and integration testing with sea/ground/air elements while interfacing with their user [source file 3].

File from DON (source file 2) revising data input to reflect 30 Marine billets moving to Detroit in accordance with a TJCSG deliberative decision on 1 Mar 05.

Source files

1. TECH-0013a\_USA\_3Feb\_2005 Army Completed
2. TECH\_0013\_USN, DRPM AAA and Response from DDC1533, 04 Jan
3. TJCSG meeting minutes 1 Mar 05
4. TJCSG meeting minutes 9 Nov 04
5. TJCSG meeting minutes 28 Feb 05
6. Army TABS Letter 18 Oct 04 subject: Utility Facility Analysis Categories (FAC)
7. E-mail message, 8 Mar 05, from T. Mathes to G. Schiefer, subject: TECH-0013 [response to

①

Prepared by  
Hillary M...  
6/13/05

Department : Technical JCSG  
 Scenario File : D:\My Documents\COBRA\TECH\done\sensitivity analysis\hlm TECH 13 adjust recurring savings.CBR  
 Option Pkg Name: Establish Joint Centers for Land Vehicles R, D&A, and T&E  
 Std Fctrs File : D:\My Documents\COBRA\Army COBRA 6.10\BRAC2005.SFF

Costs in 2005 Constant Dollars (\$K)

	2006	2007	2008	2009	2010	2011	Total	Beyond
	----	----	----	----	----	----	----	-----
MilCon	0	0	0	0	0	0	0	0
Person	0	0	641	538	386	503	2,068	599
Overhd	51	38	274	365	360	366	1,454	354
Moving	0	0	1,833	1,052	0	0	2,885	0
Missio	0	0	0	0	0	0	0	0
Other	0	0	117	90	-10	-9	188	-10
TOTAL	51	38	2,866	2,045	735	859	6,595	942

Savings in 2005 Constant Dollars (\$K)

	2006	2007	2008	2009	2010	2011	Total	Beyond
	----	----	----	----	----	----	----	-----
MilCon	0	0	0	0	0	0	0	0
Person	0	0	123	292	360	434	1,209	496
Overhd	0	0	193	193	384	387	1,158	387
Moving	0	0	12	0	0	0	12	0
Missio	0	0	0	0	0	0	0	0
Other	0	0	0	0	145	0	145	0
TOTAL	0	0	328	485	890	821	2,524	883

Department : Technical JCSG  
 Scenario File : D:\My Documents\COBRA\TECH\done\sensitivity analysis\hlm TECH 13 adjust recurring savings.CBR  
 Option Pkg Name: Establish Joint Centers for Land Vehicles R, D&A, and T&E  
 Std Fctrs File : D:\My Documents\COBRA\Army COBRA 6.10\BRAC2005.SFF

Base: DRPM AAA, VA (M48396)

ONE-TIME COSTS	2006	2007	2008	2009	2010	2011	Total
-----(\$K)-----	----	----	----	----	----	----	-----
CONSTRUCTION							
MILCON	0	0	0	0	0	0	0
O&M							
CIV SALARY							
Civ RIFs	0	0	0	119	0	0	119
Civ Retire	0	0	0	25	0	0	25
CIV MOVING							
Per Diem	0	0	0	117	0	0	117
POV Miles	0	0	0	2	0	0	2
Home Purch	0	0	0	507	0	0	507
HHG	0	0	0	74	0	0	74
Misc	0	0	0	23	0	0	23
House Hunt	0	0	0	75	0	0	75
PPP	0	0	0	35	0	0	35
RITA	0	0	0	203	0	0	203
FREIGHT							
Packing	0	0	0	1	0	0	1
Freight	0	0	0	10	0	0	10
Vehicles	0	0	0	0	0	0	0
Unemployment	0	0	0	9	0	0	9
OTHER							
Info Tech	0	0	0	5	0	0	5
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	1,204	0	0	1,204

Department : Technical JCSG  
 Scenario File : D:\My Documents\COBRA\TECH\done\sensitivity analysis\hlm TECH 13 adjust recurring savings.CBR  
 Option Pkg Name: Establish Joint Centers for Land Vehicles R, D&A, and T&E  
 Std Fctrs File : D:\My Documents\COBRA\Army COBRA 6.10\BRAC2005.SFF

Base: DRPM AAA, VA (M48396)

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	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
TRICARE	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Off Salary	0	0	0	0	0	0	0	0
Enl Salary	0	0	0	0	0	0	0	0
House Allow	0	0	0	0	0	0	0	0
OTHER								
Mission Activ	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	0	0	0	0	0	0
TOTAL COSTS	0	0	0	1,204	0	0	1,204	0
ONE-TIME SAVES	2006	2007	2008	2009	2010	2011	Total	
-----(\$K)-----	----	----	----	----	----	----	-----	
CONSTRUCTION								
MILCON	0	0	0	0	0	0	0	
O&M								
1-Time Move	0	0	0	0	0	0	0	
MIL PERSONNEL								
Mil Moving	0	0	0	0	0	0	0	
OTHER								
Environmental	0	0	0	0	0	0	0	
1-Time Other	0	0	0	0	145	0	145	
TOTAL ONE-TIME	0	0	0	0	145	0	145	
RECURRINGSAVES	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	0	0	0	69	137	137	344	137
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	191	191	382	191
TOTAL RECUR	0	0	0	69	328	328	726	328
TOTAL SAVINGS	0	0	0	69	473	328	871	328

See T2-D3 R1  
 Compare to  
 T2-DP 28

See T2-D3  
 R2

See 4/1/05

Department : Technical JCSG  
 Scenario File : D:\My Documents\COBRA\TECH\done\sensitivity analysis\hlm TECH 13 adjust recurring savings.CBR  
 Option Pkg Name: Establish Joint Centers for Land Vehicles R, D&A, and T&E  
 Std Fctrs File : D:\My Documents\COBRA\Army COBRA 6.10\BRAC2005.SFF

Base: DRPM AAA, VA (M48396)

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	143	0	0	143	
Civ Moving	0	0	0	1,047	0	0	1,047	
Info Tech	0	0	0	5	0	0	5	
Other	0	0	0	9	0	0	9	
MIL PERSONNEL								
Mil Moving	0	0	0	0	0	0	0	
OTHER								
HAP / RSE	0	0	0	0	0	0	0	
Environmental	0	0	0	0	0	0	0	
Misn Contract	0	0	0	0	0	0	0	
1-Time Other	0	0	0	0	-145	0	-145	
TOTAL ONE-TIME	0	0	0	1,204	-145	0	1,059	
RECURRING NET	2006	2007	2008	2009	2010	2011	Total	Beyond
-----(\$K)-----	----	----	----	----	----	----	-----	-----
FAM HOUSE OPS								
O&M	0	0	0	0	0	0	0	0
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	-69	-137	-137	-344	-137
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	-191	-191	-382	-191
TOTAL RECUR	0	0	0	-69	-328	-328	-726	-328
TOTAL NET COST	0	0	0	1,135	-473	-328	334	-328

(6)

DCN:11680

## DIRECT REPOSITORY PROGRAM MANAGER: ADVANCED AMPHIBIOUS ASSAULT FACILITIES VIRGINIA

### National News Articles

Senator Carl Levin BRAC Commission Testimony

### Local News Articles

About the area: The military plays a vital role in life of Prince William, cities

### Editorial/Opinion Articles

### National News Articles

#### **Senator Carl Levin BRAC Commission Testimony**

Capitol Hill Press Release:

June 20, 2005

Thank you, Chairman Principi and **BRAC** Commissioners, for the opportunity to testify before you today about the Pentagon's recommendations for Michigan's military facilities. Governor Jennifer Granholm and Senator Debbie Stabenow could not be with us, but they asked me to extend their appreciation and offered their support for my remarks. Senator Stabenow asked that I submit her statement for the record.

My focus today is on the Pentagon's recommendations for the Detroit Arsenal. I will also touch upon the Selfridge Air National Guard Base. Later you will hear from Congressman Joe Schwarz and representatives from Battle Creek, Michigan regarding the recommendation for the W.K. Kellogg Air National Guard Base.

I believe there is an overwhelming logic to the Pentagon's recommendations to consolidate additional functions at the Detroit Arsenal, DOD's "center of excellence" for ground vehicle development and acquisition. One line from the DOD Base Closure and Realignment Report says it all: "The synergies gained from having a critical mass located in southeastern Michigan, and being able to leverage the world's intellectual capital for automotive/ground vehicle Research and Development & Acquisition will ensure the Department is prepared to meet the future demands."

Let me tell you briefly about the Arsenal and why these recommendations make so much sense. The Detroit Arsenal makes enormous and unique contributions to our nation's defense, born of its special place in American history and its strategic location at the heart of automotive country. In 1940, President Franklin Roosevelt called on American industry to become the "great arsenal of democracy." The manufacturers in Detroit responded by dramatically converting their assembly lines from cars to tanks. Their rapid production of military vehicles helped save the world from tyranny.

*Note: This is the only document that the BRAC Workgroup Seal  
Verified for the Marine Corps Advanced Amphibious  
Assault Direct Repository Program Manager. Therefore, we  
concluded*

The Army quickly saw that Detroit offered not just great factories but great expertise and innovation. To ensure the Army capitalized on the latest developments in ground vehicle technology, a permanent Detroit Arsenal was established. It's paying dividends every day.

Detroit Arsenal, which includes the headquarters for the Tank- Automotive and Armaments Command, known as TACOM; the Tank- Automotive Research and Development Center, known as TARDEC; and the National Automotive Center, known as the NAC; combines the Army's ground vehicle acquisition, development, and maintenance functions in one central location.

Because of their strategic location in the world's automotive hub, TACOM, TARDEC, and the NAC are able to take advantage of the investments in the area by General Motors, Ford, Chrysler, Toyota, Nissan, Hyundai, Suzuki and many other companies, as well as academia, in advanced vehicle research. And because the individuals who work at the Detroit Arsenal have deep relationships with their commercial counterparts, they are able to secure the most advanced and effective technologies for the Army. In short, the Detroit Arsenal allows the Army to develop the highest performance vehicles at the lowest cost.

For example, TACOM, TARDEC, and the Society for Automotive Engineers recently developed a common on-vehicle computer that allows the Army to more easily incorporate advanced commercial automotive technologies from the automotive industry into the Army's ground vehicle fleet. Today, these computers are being installed in the entire Family of Medium Tactical Vehicles, enabling the Army to modernize its current fleet of vehicles.

In fact, one such improvement that this on-vehicle computer enabled was the installation of a common commercial device called an Anti-Lock Brakes System. In 2001, the automotive research community in Detroit teamed with TARDEC engineers to develop and integrate this important safety device onto the Army's existing ground vehicle fleet. Many of these vehicles were manufactured long before computers were even placed onto vehicles. However, today, they are commonplace on both the commercial and military vehicles.

The Detroit Arsenal took the Army's Stryker Combat Vehicle from concept to production in less than two years. It developed new slat armor for the Stryker in a matter of weeks to meet the needs of Operation Iraqi Freedom. It deployed new Crew Protection Armor Kits for the M939 vehicle fleet just eight months after the concept originated. The Arsenal responds to call from the field in Iraq and Afghanistan on a daily basis. The harsh operational conditions in both locations have demanded that Arsenal engineers find ways to push the Army's ground vehicle fleet to the next level.

Today, southeastern Michigan is helping to develop the Army of the future. The engineers at TARDEC and the National Automotive Center are improving the Army's ground vehicle fleet by leveraging the research already completed by the auto industry. They are reducing the fuel consumption of the Army's ground vehicles. They are exploring ways to create a mobile electrical grid. They are developing the use of artificial intelligence and nanotechnology in the next generation of military vehicles. And they are moving forward with the advanced development and deployment of a generation of vehicles powered by hybrid electric engines and fuel cells.

With its **BRAC** recommendations, the Department of Defense has recognized that greater efficiency and innovation will be possible through a greater concentration or clustering of related functions at the Detroit Arsenal. This "center of excellence" will take on additional tasks that are closely related to the Arsenal's core mission of ground vehicle development and acquisition.

Specifically, the Pentagon has recommended relocating the U.S. Marine Corps Program Manager **Advanced Amphibious Assault** facilities from Woodbridge, Virginia to the Detroit Arsenal. Many of the issues facing amphibious assault vehicles are similar to those facing ground vehicles: they need improved maintenance and reliability, more efficient propulsion systems, and better ballistic protection and blast protection. The Marines will directly benefit from the similar research and development being conducted by the Army and the commercial automotive sector.

Likewise, transferring the ground vehicle armament acquisition positions from the Rock Island Arsenal in Illinois to the Detroit Arsenal will increase efficiency. The positions that will be moving are mostly logistics, acquisition, and technology experts responsible for armament parts and equipment that the Army has retained active design control over. From weapons systems to on-vehicle weapon control systems, these specialists work closely with the engineers at TARDEC to ensure that these systems continue to operate successfully while TARDEC engineers find ways to improve the Army ground vehicle fleet. Again, this move is driven by the Defense Department's sensible efforts to consolidate related development and acquisition functions in one place.

As Major General William Lenaers, the Commander of TACOM, said recently: "It's all about speed and agility now - rapidly changing your systems to meet the current needs in the field. There is a lot more communications when the acquisition guys and logistics guys and the engineers can all sit face to face and discuss things and get back out and work on it. I think there will be a lot of improvements." So do I.

Finally, the Pentagon has recommended moving the Unmanned Ground Vehicles/Systems Joint Project Office from the Army Aviation and Missile Command in Huntsville, Alabama to Michigan, and there are compelling reasons to do so. Advanced technology small businesses and university researchers in Southeastern Michigan are already working with TARDEC to integrate new technologies such as artificial intelligence, sensors based on nanotechnology, and advanced computer vision systems into robotic vehicles. All of the DOD's science and technology development objectives in ground vehicles and robotic technologies are already led by TARDEC. And most of the agencies that the Joint Project Office at Huntsville reports to and collaborates with are located in southeastern Michigan. Moving this ground vehicle robotics mission to the Detroit Arsenal is common sense.

Mr. Chairman, the Detroit Arsenal is losing functions as well as gaining them in the Pentagon's recommendations. The Department's recommendations consolidate sea vehicle development and acquisition into one center of excellence for Sea Vehicles in the Washington, D.C. area. These gains in the Washington area are slated to come from the Army's Sea Vehicle Development and Acquisition Program in Detroit. We are not protesting this move because it too is inherently logical.

Likewise, the Detroit Arsenal is slated to lose approximately one hundred positions to the Defense Logistics Agency in Columbus, Ohio. While we are very concerned about any job loss in Michigan, shifting these jobs is consistent with the Department's attempt to leverage the advantages of collocation. Under the Department's recommendation, the Detroit Arsenal will lose acquisition experts for tires and a variety of other commercially available items.

The same logic which we believe is compelling to move the Marine Corps Program Manager **Advanced Amphibious Assault** facilities, the ground vehicle armament acquisition positions from Rock Island Arsenal, and the Unmanned Ground Vehicles/Systems Joint Project Office to the Detroit Arsenal moves us to accept the move from the Detroit Arsenal of sea vehicle

development and acquisition and of certain acquisition experts for commercially available items that can be bought through the Defense Logistics Agency.

The successes of the Detroit Arsenal did not happen by accident. They are the result of long and deep collaborations between the government, academia, and the auto industry that can only take place in southeastern Michigan. Greater investment in the region will generate even greater returns. The Pentagon has made a wise recommendation regarding these facilities, and I urge you to follow that recommendation.

Regarding the Army Garrison at Selfridge, the Department of Defense has recommended closing that facility. I would like to submit for the record several letters that I have received from the community expressing their deep concerns about this proposed closure. The Garrison's proposed closure could mean that many of the support services that the military personnel in the Greater Detroit area have relied on since World War II would be closed.

Should this Commission decide to accept the Defense Department's recommendation to close the Army Garrison at Selfridge, it is essential that the Army land and support functions be transferred to the Air Force. This would protect the investment the taxpayers have already made in the military value of Selfridge and allow the continuation of the essential support functions for the military community, including the military retiree community, at Selfridge Air National Guard Base, particularly the commissary, base exchange and pharmacy.

Thank you again for this opportunity today. With that I would like to turn things over to the representatives from Battle Creek, Michigan regarding the recommendations for the Battle Creek Air National Guard Base.

### **Local News Articles**

#### **About the area: The military plays a vital role in life of Prince William, cities**

Potomac News

Sunday, July 24, 2005

As two of the largest employers in the area, Quantico Marine Corps base and Fort Belvoir have a considerable impact on the area's economy.

Both military installations offer a wide range of facilities.

#### **QUANTICO**

A total of 15,000 military personnel and civilian employees work at the Quantico Marine Corps base.

The 60,000-acre base, established in 1917, houses a Marine Corps Warfighting Lab that tests experimental tactics and equipment for amphibious warfare.

The base is also home to the Marine Combat Development Center, the Air-Ground Training and Education Center, Wargaming and Combat Simulation Division and the Marine Corps Research Center.

The presidential helicopter squadron, HMX-1, is based at Quantico Marine Corps base, as well as the Manpower and Reserve Affairs Department, the Marine Corps Recruiting Command and the Marine Security Guard Battalion.

The Marine Corps University, which includes the School of Advanced Warfighting, the Amphibious Warfare School and the Officer Candidates School, is also located there.

All newly commissioned lieutenants in the Marine Corps receive training at the Basic School, located on Quantico's Camp Barrett.

For Marines and their families, Quantico has a commissary and large, modern Marine Corps Exchange complex with a florist, barber and tailor.

An Ambulatory Care Clinic on Barnette Avenue offers personnel, their dependents and retirees a state-of-the-art facility in which to receive their health care.

The base also has a golf course called Medal of Honor.

The Marine Corps Heritage Museum will open in November 2006.

For more information on Quantico, call the public affairs office at (703) 784-2741 or visit the base's Web site at [www.quantico.usmc.mil](http://www.quantico.usmc.mil).

#### **FORT BELVOIR**

Fort Belvoir, an Army installation in the Mount Vernon area of eastern Fairfax County, is a strategic support center for more than 100 tenant organizations with administrative offices and employs more than 25,000 soldiers, which is expected to increase in coming months. The post also has a support center that includes a post exchange and commissary for eligible military personnel and their families.

Fort Belvoir houses the Defense Logistics Agency Headquarters, the Criminal Investigation Division Headquarters and the U.S. Army Intelligence and Security Command and the Information Systems Software Center.

The post also has an Army airfield, a hospital, three golf courses and two wildlife refuges. It is home to the J.S. Mosby U.S. Army Reserve Center and also houses the Army Management Staff College, the Defense Systems Management College and the Defense Mapping School.

#### **Editorial/Opinion Articles**

DCN:11680

**Knoepfle, Martin, WSO-BRAC**

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**From:** Jones, Audrey, CIV, WSO-BRAC  
**Sent:** Monday, August 01, 2005 9:56 AM  
**To:** Knoepfle, Martin, WSO-BRAC  
**Subject:** FW: Press clippings  
**Attachments:** Direct Repository Program Manager Woodbridge.doc

This is all that we have found, to this point. Please let me know if it is not sufficient!

Thanks,  
Audrey C. Jones  
Associate Director of Communications  
BRAC Commission  
(703) 699-2963

DCN:11680

## Record of Phone Conversation

Date: July 29, 2005

Personnel:

Mr. Tom Mathis, Director, Tank Automotive Research and Development Center, Warren, Michigan, (586aa) 574-5802  
Glenn Knoepfle, BRAC Analyst

Information obtained:

In general Mr. Mathis stated that moving program management representatives from the research and development sites to the responsible program manager / milestone decision maker sites seems to make sense. While the details pertaining to what slots will be moved are to be worked out during implementation, Mr. Mathis said that the personnel that are expected to be relocated to the Detroit Arsenal are already organizationally linked to the Program Executive Office for Ground Combat Systems (PEO GCS). Under the current arrangements programmatic and life cycle management employees communicate through VTE and temporary duty travel. Having all of the key program management life cycle management personnel at one location will facilitate more frequent exchange of information. He said the current facilities at Warren can accommodate the 103 personnel that the BRAC proposal envisions for transfer to Detroit without having to spend any MLLCON dollars.

Transfer of Work to Detroit Arsenal from Redstone Arsenal

Mr. Mathis commented that the Redstone personnel that are recommended for transfer to Detroit Arsenal are responsible for the life cycle management of manned ground combat system components to be embedded in future ground combat systems. Redstone is responsible for the life cycle management of all robotic systems and components, including those to be embedded in the ground combat systems. It makes sense to transfer and relocate the programmatic folks that already are organizationally tied to the PEO GCS. Acceptance of the proposed recommendation would consolidate life cycle management responsibilities for both manned and unmanned ground combat vehicles.

Transfer of Work to the Detroit Arsenal from Direct Reporting Program Manager Advanced Amphibious Assault Vehicle (DRPM AAA) site in Woodbridge, VA

Mr. Mathis explained the Marine Corps' Direct Reporting Program Manager Advanced Amphibious Assault Vehicle (DRPM AAA) is already organizationally tied to the "joint" PEO GCS command structure. The DCSG recommendation would presumably split off 30 people from the current 200 person organization and transfer the positions to their higher headquarters. Mr. Mathis said that the DRPM AAA currently employs about 200 people (CDR's A, while information shows 213 people) and that the organization is currently located in leased space within a converted retail store. The current DRPM AAA site is collocated in the same general area as the prime contractor (General Dynamics). During the Redstone move, Mr. Mathis believes that it makes sense to relocate the programmatic officials to the higher headquarters organization (PEO GCS).

This would facilitate better communication between the decision makers and the equipment developers and acquisition on "DY" track and in effect consolidate management of development and acquisition activities for Army and Marine Corps programs for ground combat vehicles. However, it remains unclear what will happen to the remaining DRPM AAA employees (about 181 based on the COBRA static data) after the current lease expires in 2011.

#### Transfer of Work to NAVSEA and Navy Carderock facilities from the Detroit Arsenal

Mr. Machis stated that while the Army has a large number of boats in its inventory, he would support consolidation and consolidation of the Army's sea vehicle development and acquisition personnel with the Navy. He stated that the proposed consolidation would likely increase the efficiency of DOD's watercraft acquisition support function and reduce manpower requirements.

#### Analyst's note:

While improved communication and vehicle recommendations could lead to improved communication between the services and help foster "jointness", it may not be cost effective. The new GAO report indicates that implementation of this recommendation will cost more than the savings. GAO questioned the \$17 million in 20-year NPV savings claimed in the report due to errors in its COBRA analysis (i.e. DOD claimed ATTP as a recurring saving, which may cancel out the cost savings). GAO recalculated the COBRA and found that implementation of the proposal would actually cost \$4.3 million over the 20-year period. Second, the Redstone community indicated concerns about the cost effectiveness of their portion of the move. Lastly, the current recommendation does not provide for the relocation of about 181 remaining personnel that are currently stationed at the Detroit Arsenal.

***DRAFT***  
**BASE VISIT REPORT**  
**Detroit Arsenal, MI**  
**29 JULY 2005**

**LEAD COMMISSIONER:**

Samuel K. Skinner

**ACCOMPANYING COMMISSIONER:**

None

**COMMISSION STAFF:**

Valerie Mills (JC-S)

**LIST OF ATTENDEES:**

MG William M. Lenaers	Commanding General U.S. Army
Robert Graves	TACOM
Nancy White	USAG-M
Thomas Mathes	Board of Commissioners
Vicki Selva	TARDEC
Michael Kuiken	Senator Carl Levin
Dan Mehney	Senator Carl Levin
Grace Bochenek	TACOM
COL Don Kotchman	PEO CS/CSS
E. S. Bacon	PEO GCS
Judy Hartwell	TACOM
David Carter	Rep Sandy Levin
Donna Westby	TACOM ILSC
Luci Nickels	TACOM BRAC Office
Darryl Blackburn	TACOM ILSC-RI
Ronda Jones	TACOM ILSC
Jack Dugan	TACOM BRAC Office
Curtis Smith	Deputy to the Commander
	TACOM BRAC Office

**BASE'S PRESENT MISSION:**

TACOM, the U.S. Army's Tank-automotive and Armaments Command, headquartered in Warren, Michigan, in partnership with the Army's Program Executive Offices, is one of the Army's largest weapon systems research, development, and sustainment organizations. TACOM mission, serving the world over, provides and sustains mobility, lethality, and survivability for soldiers, other services, and our Allies through ground combat, automotive, marine and armaments technologies.

**SECRETARY OF DEFENSE RECOMMENDATION:**

***S&S - 5***

Realign Detroit Arsenal, MI, by relocating the supply contracting function for tires to the Inventory Control Point at Defense Supply Center Columbus, OH, and disestablishing all other supply functions for tires.

***S&S - 7***

Realign Detroit Arsenal, MI, by relocating the Budget/Funding, Contracting, Cataloging, Requisition Processing, Customer Services, Item Management, Stock Control, Weapon System Secondary Item Support, Requirements Determination, Integrated Materiel Management Technical Support Inventory Control Point functions for Consumable Items to Defense Supply Center Columbus, OH, and reestablishing them as Defense Logistics Agency Inventory Control Point functions, and by disestablishing the procurement management and related support functions for Depot Level Repairables and designating them as Defense Supply Center Columbus, OH, Inventory Control Point functions.

***Tech -7***

Realign Redstone Arsenal, Huntsville, AL, by relocating the joint robotics program development and acquisition activities to Detroit Arsenal, Warren, MI, and consolidating them with the Program Executive Office Ground Combat Systems, Program Executive Office Combat Support and Combat Service Support and Tank Automotive Research Development Engineering Center. Realign the USMC Direct Reporting Program Manager Advanced Amphibious Assault (DRPM AAA) facilities in Woodbridge, VA, by relocating the Ground Forces initiative D&A activities to Detroit Arsenal, Warren, MI.

***Tech -13***

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.

**SECRETARY OF DEFENSE JUSTIFICATION:**

***S&S - 5***

This recommendation achieves economies and efficiencies that enhance the effectiveness of logistics support to forces as they transition to more joint and expeditionary operations. This recommendation disestablishes the wholesale supply, storage, and distribution functions for all tires; packaged petroleum, oils and lubricants; and compressed gases used by the Department of Defense, retaining only the supply contracting function for each commodity. The Department will privatize these functions and will rely on private industry for the performance of supply, storage, and distribution of these commodities. By doing so, the Department can divest itself of inventories and can eliminate infrastructure and personnel associated with these functions. This recommendation results in more responsive supply support to user organizations and thus adds to capabilities of the future force. The recommendation provides improved support during mobilization and deployment, and the sustainment of forces when deployed worldwide. Privatization enables the Department to take advantage of the latest technologies, expertise, and business practices, which translates to improved support to customers at less cost. It centralizes management of tires; packaged petroleum, oils, and lubricants; and compressed gases and eliminates unnecessary duplication of functions within the Department. Finally, this recommendation supports transformation by privatizing the wholesale storage and distribution processes from DoD activities.

In addition to the actions described in this recommendation, the Department is also disestablishing storage and distribution functions for tires, packaged petroleum, oils, and lubricants, and compressed gases at Red River Army Depot, TX. The storage and distribution functions at this additional location are now being disestablished as part of a recommendation for the full closure of the Red River Army Depot installation. The recommendation to close the installation fully supports all objectives intended by this recommendation.

***S&S - 7***

The Supply & Storage Joint Cross Service Group looked at the responsibility for consumable and depot level reparable item management across the Department of Defense. This recommendation, together with elements of a base closure recommendation, supports the migration of the remaining Service Consumable Items to the oversight and management of a single DoD agency/activity. This proposal moves select Inventory Control Point functions (Budget/Funding, Contracting, Cataloging, Requisition Processing, Customer Services, Item Management, Stock Control, Weapon System Secondary Item Support, Requirements Determination, and Integrated Materiel Management Technical Support) to DLA. A number of Inventory Control Point functions (Allowance/Initial Supply Support List Development, Configuration Management, User Engineering Support, Provisioning, and User Technical Support) will be retained by the Services to maintain the appropriate critical mass to perform requirements and engineering. In addition, this recommendation realigns or relocates the procurement management and related support functions for the procurement of DLRs to DLA. For both consumable items and the procurement management of DLRs, this recommendation provides the opportunity to further consolidate Service and DLA Inventory Control Points by supply chain type. Defense Supply Center Columbus, OH (DSCC), manages the Maritime and Land supply chain, the Defense Supply Center Richmond, VA (DSCR), manages the Aviation supply chain, and Defense Supply Center Philadelphia, PA (DSCP), manages the Troop Support supply chain. The realignment should provide labor savings through transfer in place (application of standard labor rates across Inventory Control Points, headquarters staff reductions, and consolidation of support functions), reduce labor and support costs (from site consolidation) and business process improvements, such as consolidation of procurement under a single inventory materiel manager, reduction of disposal costs, and improved stock positioning. Savings related to overhead/support functions, especially at those locations where physical realignments occur at a lead center can be anticipated. Finally, this recommendation supports transformation by transferring procurement management of all Service DLRs to a single DoD agency/activity.

*Tech -7*

This recommendation consolidates those USMC and Army facilities that are primarily focused on ground vehicle activities in development and acquisition (D&A) at Detroit Arsenal in Warren, MI, to increase joint activity in ground vehicle development & acquisition. The D&A being consolidated is centered on manned and unmanned ground vehicle program management. In Operation Enduring Freedom (OEF) and Operation Iraqi Freedom (OIF), effectiveness in combat depends heavily on "jointness," or how well the different branches of our military can communicate and coordinate their efforts on the battlefield. This collection of D&A expertise will not only foster a healthy mix of ideas, but will increase the ground vehicle community's ability to develop the kinds of capabilities that can position us for the future as well as adapt quickly to new challenges and to unexpected circumstances. The ability to adapt is critical where surprise and uncertainty are the defining characteristics of the new threats.

The Joint Center for Ground Vehicle D&A located at Detroit Arsenal will be the Department of Defense's premier facility for ground vehicle D&A. Detroit Arsenal is located in southeastern Michigan where the Research and Development headquarters reside for General Motors, Ford, Chrysler, General Dynamics Land Systems, Toyota-North America, Nissan-North America, Hino, Hyundai, Suzuki, Visteon, Delphi, Johnson Controls, Dana, and many others. The synergies gained from having a critical mass located in southeastern Michigan, and being able to leverage the world's intellectual capital for automotive/ground vehicle Research and Development & Acquisition, will ensure the Department is prepared to meet the future demands.

The end state of this recommendation is to consolidate Department of Defense expertise in Ground Vehicle D&A activities at Detroit Arsenal. It promotes jointness, enables technical synergy, and positions the Department of Defense to exploit a center-of-mass of scientific, technical, and acquisition expertise with the personnel involved in ground vehicle Research, Development & Acquisition that currently resides at Detroit Arsenal.

*Tech -13*

This recommendation positions technical sites for jointness through co-location with functions at the receiving locations. It also increases efficiency by consolidating program management of Sea Vehicle Development and Acquisition (D&A) from three sites to 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 RD&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 co-locates 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 near 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.

**MAIN FACILITIES REVIEWED:**

- Windshield Tour of Detroit Arsenal
- Propose site for Administrative Building and Parking

**KEY ISSUES IDENTIFIED:**

- Recommendation S&S-7
  - Detroit Arsenal is prepared to accommodate 1,100 additional positions instead of 740 identified in the recommendation by building two administrative offices and surface parking. Need to capture additional cost associated with additional positions using COBRA.

**INSTALLATION CONCERNS RAISED:**

The installation had no concerns with any of the recommendations.

**COMMUNITY CONCERNS RAISED:**

No concerns or issues raised by the community.

**REQUESTS FOR STAFF AS A RESULT OF VISIT:**

DCN:11680



# Detroit Arsenal Migration Diagram

Further defined on the next slide

**TRANSFERS IN**

**TACOM  
Rock Island  
+1098**

**Joint Robotics  
Redstone Arsenal  
+73**

**USMC DRPM AAA  
+30**

**USAG-MI  
+6**

**DETROIT ARSENAL**

**TRANSFERS OUT: 87**

**ELIMINATIONS: 30**

**TRANSFERS IN: 1207**

**Net change to  
Detroit Arsenal  
+1090**

**TRANSFERS OUT**

**DSC, DLA  
Columbus, OH  
-53**

**DON, NSWC  
Bethesda, MD  
-6**

**DON, NSSC  
Washington  
Navy Yard  
-28**

*Det Arsenal  
Comments  
Comments  
8*



# TACOM LCMC

## Program Executive Office Ground Combat Systems (PEO GCS)



### Stryker Brigade Combat Team



### Combat Systems

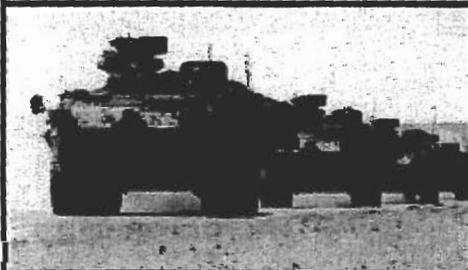
- Abrams Tank
- Bradley Fighting Vehicle
- Paladin / FAASV
- M113



### Joint Robotics Systems (Army & Marine)



### Joint Lightweight Howitzer 155mm (Army & Marine)



**PEO GCS maintains a total Army perspective in managing the development, acquisition, testing, systems integration, product improvement, and fielding that places the best ground combat systems in the hands of our soldiers.**

**BRAC Recommendation Impact -  
Relocates the joint robotics program development and acquisition activities  
from Redstone Arsenal, AL.**



# TACOM LCMC

## Program Executive Office Combat Support and Combat Service Support (PEO CS&CSS)

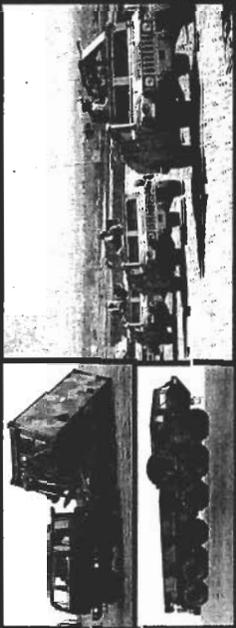


DCN:11680



### Tactical Vehicles

- Heavy Tactical Vehicles
- Light Tactical Vehicles
- Medium Tactical Vehicles
- Trailers



### Force Projection

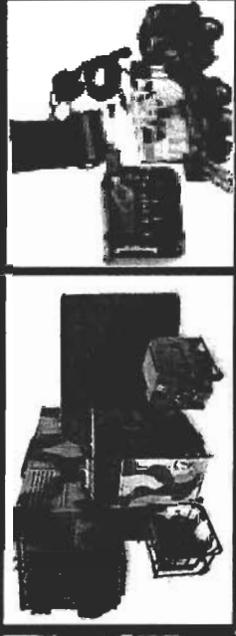
- Army Watercraft Systems
- Materiel Handling Equipment
- Force Sustainment Systems
- Petroleum & Water Systems



- Sets, Kits, Outfits,  
& Tools



- Test, Measurement, &  
Diagnostics Equipment



PEO CS&CSS supports the full spectrum force through development, acquisition, testing, systems integration, product improvement, and fielding that places the best combat support systems in the hands of our soldiers.

### BRAC Recommendation Impacts -

Losses - (1) Relocates Sea Vehicle Development & Acquisition to Naval Surface Warfare Center, Bethesda, MD and (2) Program Management & Direction of Sea Vehicle Development & Acquisition to Naval Seas Systems Command, Washington Navy Yard, DC.



# To Summarize... Transformation Strategies What it brings to the Joint Warfighter...

Enhances Operational Effectiveness for Total Life Cycle Management

## Detroit Arsenal BRAC Recommendations facilitate...

- ✓ a fully integrated Life Cycle Management Command that allows us to acquire, field and sustain warfighting capabilities
- ✓ fully integrated materiel management
- ✓ consolidation of Marine Corp and Army facilities that are primarily focused on ground vehicle activities in development and acquisition
- ✓ consolidation that is centered on manned and unmanned ground vehicle program management
- ✓ our abilities to develop new emerging capabilities and technologies that will position us for the future or new threats
- ✓ synergies based on consolidation and our location
- ✓ and enhance military value of the TACOM LCMC in terms of creating a Center of Excellence for Ground Vehicles



**Transformation is not solely based on introducing new technologies into the force. It also requires changes in the way the force is employed through major changes in doctrine and force structure.**

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**Trip Report**

**Location:** Redstone Arsenal, AL 35898-5000

**Visit Date:** 7 June, 2005

**Purpose of Visit:** Review proposed BRAC actions with functional and garrison personnel, examine plans to accommodate gains, conduct tours of critical sites, review requirements of functions leaving the installation.

**Commissioner:** This is a net gaining site. No Commissioner visited the site. No Commissioner visits are planned.

**Lead Analyst:** C. Dean Rhody, Army Team. No other BRAC personnel were on this trip.

**Major BRAC Recommendations Affecting Installation:**Gains -

- Second Recruiting Brigade from Ft Gillem closure (167 personnel)
- Aviation Technical Test Center realigned from Ft Rucker (140 personnel)
- Army Material Command realigned from Ft Belvoir (1222 Personnel)
- Missile Defense Agency from various leased space (700 personnel)

Losses -

- Ordnance, Munitions & Electronic Maintenance School realignment to Ft Lee (1442 personnel)
- Information Systems Development & Acquisition realignment to Aberdeen Proving Grounds (37 Personnel)
- Joint Program Office Robotics (Robotic Development and Acquisition) realigned to PEO GCS at Detroit Arsenal (77 personnel)
- Inventory Control Point realigned to DCS, Richmond, VA (71 personnel)

**Summary of actions:** Agenda attached. Conducted interviews with garrison commander, Master Planner, Chief Robotics Systems Joint Projects Office, Deputy Commandant OMEMS, and various staff personnel.

**Summary of findings:**Issues not requiring clarification -

- Infrastructures shortfalls may require additional augmentation in roads (widening of one road from two- to four-lanes) and water (minor increase to treated water distribution system). Handled through implementation.

Issues requiring clarification –

- Joint Program Office Robotics (Robotic Development and Acquisition) is already a joint Army-Marine operation with Navy funding. Its mission is developing, testing, and even fielding cutting-edge robots for use in theater. Robotic devices essentially have three integrated components: the vehicle that carries the payload, the payload, and the software to make the robot work. The DOD proposal would split out the vehicle and transfer it to PEO GCS at Detroit Arsenal. Detroit Arsenal does not have the land necessary to test such devices. Additionally, the robot is usually developed as a unit. While the Redstone personnel indicated that the recommended split could work, there is no clarity on how such a split would increase military value over the present arrangement. Will require clarification from DOD on estimate of military value gained.
- OMEMS conducts training in hazardous devices with emphasis on explosive ordnance disposal (EOD). The school element that conducts the training is heavily involved in supporting the FBI Hazardous Devices Training facility, located on Redstone Arsenal. The training facility is a national resource, training both federal and state personnel. Additionally, the explosives used in the training may exceed the capacity of Ft Lee both in terms of range safety fans and noise abatement issues. No such problems exist at Redstone Arsenal. Will require clarification from DOD on intent for the location of the training and any mitigating actions required.

**Other –**

During his testimony before the Committee, Dr Craig College cited previous PCS experience for major RDT&E moves. He stated that only 25% of the existing workforce transferred to the new site. The local community of Huntsville has conducted previous highly successful efforts under such conditions to draw in as many of the existing workforce as possible. The actual number at Redstone in a previous BRAC move was 75% transfer. Recommend that the Commission defer any consideration of this issue unless additional information is provided.

C. Dean Rhody  
Senior Analyst  
Army Team, BRAC Commission

*Redstone Community*

DCN:11680

**Reconsideration of Relocation  
of Joint Program Office for Robotics**

*Source: Redstone Arsenal Base Visit Book*

## RECONSIDERATION OF RELOCATION OF JOINT PROGRAM OFFICE FOR ROBOTICS

**DOD RECOMMENDATION:** Relocate the joint robotics program development and acquisition activities from Redstone Arsenal, AL to Detroit Arsenal, Warren, MI.

**Reconsideration Request:** Leave the Joint Robotics Program development and acquisition at Redstone.

**Background:** Unmanned systems development is the "rocket science" of the 21<sup>st</sup> century. Today, all unmanned systems, current and transformational, are managed at Redstone. Moving ground vehicle programs to Detroit Arsenal will fragment collaborative development and take away from Redstone a vitally important national asset, both technical and economic.

- Robotic Systems development is already aligned under PEO GCS. Robotic Systems platforms are vehicles, but the most complex part of the systems are the Payloads and Controls (what the systems do). Integration of technical capabilities is critical to unmanned systems and that is done at Redstone.
- Unmanned Systems (UGV, UAV and Payloads) are developed and integrated at Redstone Arsenal. All of the Army's transformational unmanned ground and airborne systems (under the Future Combat Systems) are developed at Redstone. Collaboration between all the Army's Unmanned Systems (UGV and UAV) is critical to Transformation and can be done most effectively at Redstone.
- The BRAC recommendation to realign joint robotics to Warren, MI, misrepresents costs as savings. The relocation of Joint Robotics does not save anything, but rather costs \$3.9M. The BRAC data analysis represented the total of both the Joint Robotics move (\$3.9M cost) and the Woodbridge move (\$21M savings) together to show overall savings. In fact, the only savings results from the Woodbridge move. The recommendation underestimates the costs to move Joint Robotics Development, which is a one time net cost for implementation of \$7.4M; Annual net recurring cost of \$4.1 M; and net present value cost of \$60.6M.
- Several unmanned systems companies have established themselves in Huntsville, and the Army Future Combat Systems Lead Systems Integrator established the unmanned systems management in Huntsville because of the center of gravity established at Redstone Arsenal. A move to Detroit will have far reaching adverse impacts on the synergy of these capabilities, the growth of Huntsville's robotics business base and its recognition as a leader in unmanned systems development.
- Detroit Arsenal does not have, and cannot develop, the necessary test and training facilities that exist and are in use at Redstone Arsenal.
- Redstone Arsenal has over many years become a leading center for DoD systems integration and technology utilization and transfer. As this transformation has occurred, the emphasis on the vehicle or bus has given way to the systems capability to meet

*Redstone Arsenal  
Unmanned Systems  
Development - but  
not secondary  
to GCS*

evolving requirements. The importance of Robotics is not the vehicle but the systems capability. Redstone is the leader in systems integration of robotics systems.

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### *Community Concerns*

There were no formal expressions from the community.

### *Commission Findings*

The Commission found no reason to disagree with the recommendation of the Secretary of Defense.

### *Commission Recommendations*

The Commission finds that the Secretary of Defense did not deviate substantially from the force-structure plan and the statutorily required military value criteria. Therefore, the Commission recommends the following: Realign Patrick Air Force Base, Cape Canaveral, FL, by relocating Nuclear Test and Evaluation at the Naval Ordnance Test Unit to Strategic Weapons Facility Atlantic, Kings Bay, GA. All elements within the original Department of Defense recommendation remain unchanged by the Commission.

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**Recommendation #: 183**

TECH-13

**Title of Recommendation: Consolidate Sea Vehicle Development & Acquisition**

**# of Elements in Recommendation:**

**One-time Cost:** \$1.5 million

**Savings (FY2006 thru FY2011):** cost of \$0.1 million

**Return on Investment:** annual savings: \$0.2 million (payback expected in seven years)

**FINAL ACTION:**

### *Secretary of Defense 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.

### *Secretary of Defense Justification*

This recommendation positions technical sites for jointness through co-location with functions at the receiving locations. It also increases efficiency by consolidating program management of Sea Vehicle Development and Acquisition (D&A) from three sites to 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 RD&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 co-locates 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 near 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.

### *Community Concerns*

There were no formal expressions from the community.

### *Commission Findings*

The Commission found no reason to disagree with the recommendation of the Secretary of Defense.

### *Commission Recommendations*

The Commission finds that the Secretary of Defense did not deviate substantially from the force-structure plan and the statutorily required military value criteria. Therefore, the Commission recommends the following: 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. All elements within the original Department of Defense recommendation remain unchanged by the Commission.

**CONSOLIDATE SEA VEHICLE DEVELOPMENT & ACQUISITION**

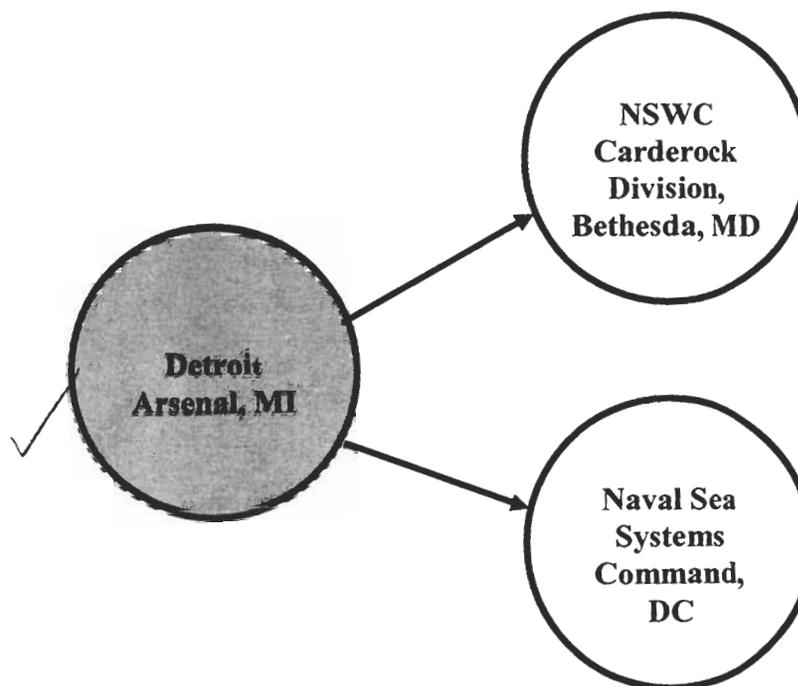
**Tech - 13**

**DETROIT ARSENAL, MI**

**REALIGN**

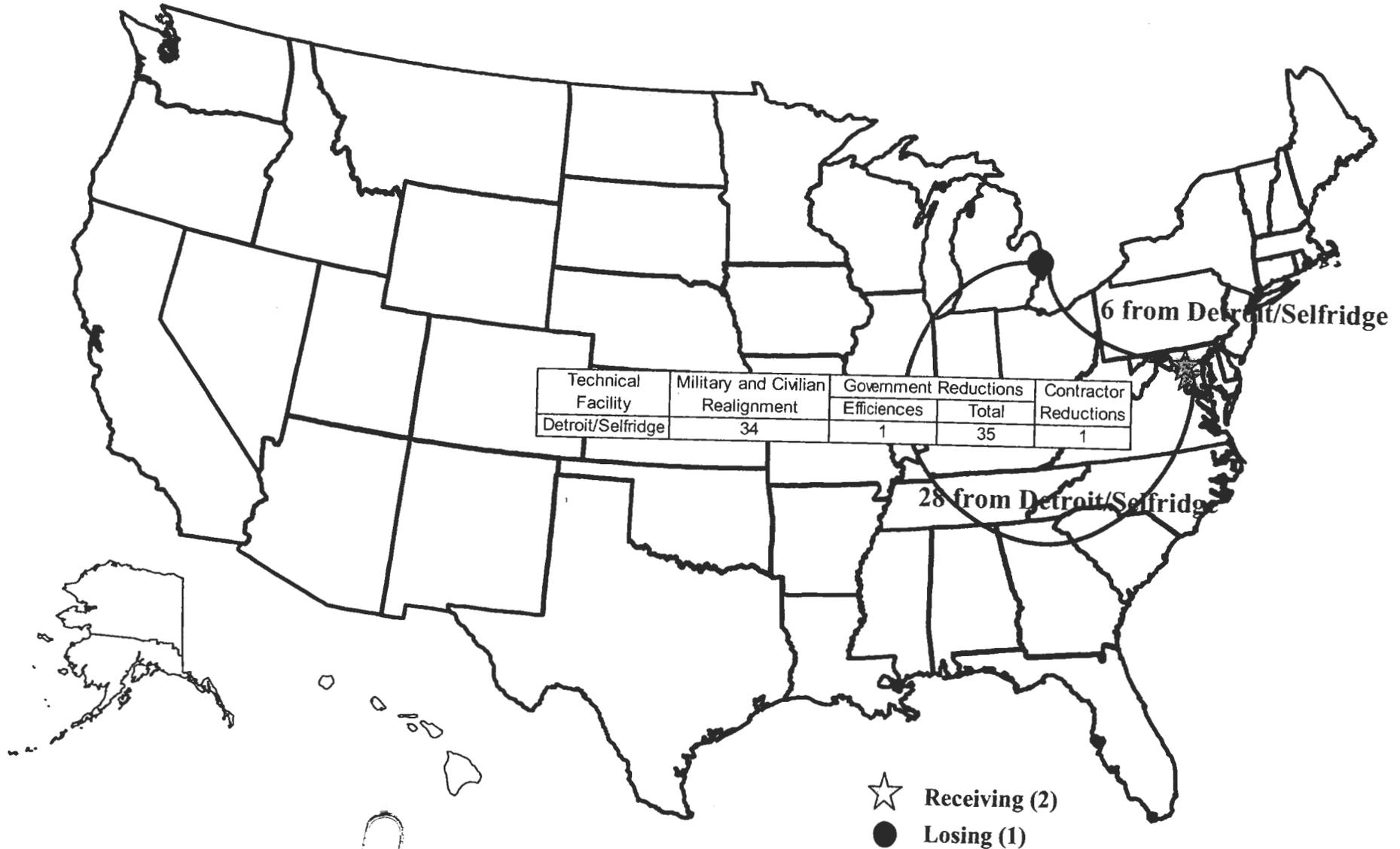
Out		In		Net Gain/(Loss)		Net Mission Contractor	Total Direct
Mil	Civ	Mil	Civ	Mil	Civ		
(4)	(31)	0	0	(4)	(31)	0	(35)

**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.





# Consolidate Sea Vehicle D&A



DCN:11680

Record of Phone Conversation

Date: July 29, 2005

Personnel:

Mr. Tom Mathis, Director, Tank Automotive Research and Development Center, Warren, Michigan, (586nn) 574-5802  
Glenn Knoepfle, BRAC Analyst

Information obtained:

In general Mr. Mathis state that moving program management representatives from the research and development sites to the responsible program manager / milestone decision maker sites seems to make sense. While the details pertaining to what slots will be moved are to be worked out during implementation, Mr. Mathis said that the personnel that are expected to be relocated are already organizationally linked to the Program Executive Office for Ground Combat Systems (PEO GCS). Under the current arrangements programmatic and life cycle management employees communicate through VTS and temporary duty travel. Having all of the key program management life cycle management personnel at one location will facilitate more frequent exchange of information. He said the current facilities at Warren can accommodate the 103 personnel that the BRAC proposal envisions for transfer to Detroit without having to spend any MILCON dollars.

Transfer of Work to Detroit Arsenal from Redstone Arsenal

Mr. Mathis commented that the Redstone personnel that are recommend for transfer to Detroit Arsenal are responsible for the life cycle management of manned ground combat system components to be embedded in future ground combat systems. Redstone is responsible for the life cycle management of all robotic systems and components, including those to be imbedded in the ground combat systems. It makes sense to transfer the programmatic folks that already tied to the PEO GCS to the parent organization.

Transfer of Work to the Detroit Arsenal from Direct Reporting Program Manager Advanced Amphibious Assault Vehicle (DRPM AAA) site in Woodbridge, VA

Mr. Mathis explained the Marine Corps' Direct Reporting Program Manager Advanced Amphibious Assault Vehicle (DRPM AAA) is already organizationally tied to the "joint" PEO GCS command structure. The TJCSG recommendation would presumably split off 30 people from the current 213 person organization and transfer the positions to their higher headquarters. Mr. Mathis said that the DRPM AAA currently employs about 200 people (COBRA static information shows 213 people) and that the organization is currently located in leased space within a converted retail store. The current DRPM AAA site is collocated in the same general area as the parent contractor (General Dynamics). Similar to the Redstone move, Mr. Mathis believes that it makes sense to relocate the programmatic officials to the higher headquarters organization (PEO GCS). This would facilitate better communication between the decision makers and the equipment developer and cut down on TDY travel. It is unclear what will happen to the

remaining DRPM AAA employees (about 181 based on the COBRA static data) after the current lease expires in 2011.

Transfer of Work to NAVSEA and Navy Carderock facilities from the Detroit Arsenal

Mr. Mathis stated that while the Army has more boats (i.e. Theater support vessels) in its inventory than the Navy, he supports the transfer and consolidation of the Army's sea vehicle development and acquisition consolidation would likely increase the efficiency of DOD's watercraft acquisition support function and at the same time reduce manpower requirements.

Analyst's note:

While implementation of the ground vehicle recommendation could lead to improved communications between the services and help foster "jointness", it may not be cost effective. First, the GAO report indicates that implementation of this will cost rather than save money. GAO questioned the \$17 million in savings estimated by DOD due to errors in its COBRA analysis (i.e. DOD claimed AT/FP as a recurring savings rather than a one-time cost savings) GAO recalculated the COBRA and found that implementation of the proposal would actually cost \$4.3 million over the 20-year period. Second, the Redstone community indicated concerns about the cost effectiveness of their portion of the move. Lastly, the current recommendation does not provide for the relocation of about 181 remaining personnel that are currently stationed non AT/FP facilities.

DCN:11680

Department : TJCSG  
 Scenario File : Z:\COBRA Database\TECH-0031\6.10\4MayUPDATE\J - Tech-0031\_6.10\_4MAY2005.CBR  
 Option Pkg Name: Tech 0031 Move Detroit Sea Vehicles to NDW Carderock  
 Std Fctrs File : C:\Documents and Settings\Administrator\Desktop\COBRA 6.10\BNAC2005.SPF

Starting Year : 2006  
 Final Year : 2006  
 Payback Year : 2013 (7 Years)

NPV in 2025(\$K): -1,965  
 1-Time Cost(\$K): 1,454

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	-62	-189	-189	-189	-189	-189	-1,006	-189
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	25	0	0	0	0	0	25	0
<b>TOTAL</b>	<b>1,250</b>	<b>-222</b>	<b>-222</b>	<b>-222</b>	<b>-222</b>	<b>-222</b>	<b>138</b>	<b>-222</b>

POSITIONS ELIMINATED

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

POSITIONS REALIGNED

	2006	2007	2008	2009	2010	2011	Total	Beyond
Off	4	0	0	0	0	0	4	0
Enl	0	0	0	0	0	0	0	0
Stu	0	0	0	0	0	0	0	0
Civ	30	0	0	0	0	0	30	0
<b>TOT</b>	<b>34</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>34</b>	<b>0</b>

Summary:

Realign elements of Detroit Arsenal, MI by collocating Sea Vehicle (D&A) at NSWC Bethesda, MD, and Program Management and Direction of Sea Vehicle (D&A) at Washington Navy Yard D.C.

Source Files:

1. TJCSG Minutes approval to move only Detroit 10FEB2005
2. TECH 31 Completed Army.xls dtd 7Feb2005
3. TECH-0031 Response from DON, 31 Mar 2005
4. Chg Record DDC 1486 - Ser T487 Scenario TECH-0031 dtd 7FEB2005
5. Reply to request for ssei tech 0042 0031 dtd 7APR2005
6. TJCSG Approval of Standard Assumptions Dtd 13 Jan 2005

Port Hueneme Removed by Source File 1.

Panama City Removed by Source File 1.

Source File 3 contains fleet recommendation to add Little Creek Amphibious base as alternate receiving location.

Source File 4 provides data for the addition of Little Creek Amphibious Base.

Little Creek Amphibious Base Removed by Source File 1.

Naval Engineering Station Philadelphia removed by source File 1.

Data Standards Approved TJCSG Minutes 13 January

A. Start Dates

- 1) For moves requiring no renovation or new office space - 2006
- 2) For moves requiring Office Space - move in 2008
- 3) For moves requiring Lab Space - move in 2009

B. MILCON

- 1) For purposes of COBRA, assume 160 Gross Square Feet (DOD Standard) for Office Space (FAC 6100)
- 2) For S&T organizations requiring MILCON, absent a detailed breakout of equipment and facilities, use 150 Gross Square feet per person (this from the NAVFAC guide for Laboratories).
- 3) For SCIFS the FAC code is 1404. For purposes of housing people is SCIFS (when they are reported as separate and additional facilities), we want to assume 1 person per 1000 square feet

will use that space as an office. That person should be removed from the other portion of the building.

4) The following calculation is performed to determine whether there is sufficient space to accept donor base personnel:  $160 * \text{reassigned personnel} + 150 * \text{research FTEs being reassigned}$ . If this figure exceeds the space being constructed, renovated or available at the receiving base by 50,000 square feet, the phrase insufficient milcon is displayed in the comments. Similarly, if the space being constructed, renovated or available at the receiving base exceeds the needed space, the phrase excessive milcon is displayed in the comments.

C. Addition Network/IT Costs

1) COBRA allows \$1200 per person for a single network. Use \$1200 per person for an addition networks (S,TS).

D. Additional savings

1) If leased space has not had an AT/FP upgrade, HAS is assuming a one-time savings of \$28.28 per gross square foot in NCR. This means that if we move out of a leased space in the DC area that has not been upgraded we can take that as a savings.

E. Personnel Reductions

1) Subgroups can apply a 15% reduction against all government personnel moved.

2) There are three types of organizations at the receiving site:

Consolidated

Joint

Co-located

3) Subgroups can use their best judgment on the personnel reductions possible in all three, but it would seem that Consolidated has the best opportunities for reductions in P&T, with Joint slightly less and Co-located the least potential for reduction.

F. Contractor Reductions

1) Subgroups can apply a 15% reduction against all contractor personnel.

2) Show a \$200K Misc. Recurring Savings for each contractor eliminated.

G. Decontamination Costs

1) No decon costs allowed if the affected base is not closed.

Department : TJCSG  
 Scenario File : Z:\COBPA Database\TECH-0031\6.10\4M+UPDATE\J - Tech-0031\_6.10\_4MAY2005.CBR  
 Option Pkg Name: Tech 0031 Move Detroit Sea Vehicles to NDW Carderock  
 Std Fctrs File : C:\Documents and Settings\Administrator\Desktop\COBRA 6.10\BRAC2005.SFF

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	93	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	25	0	0	0	0	0	25	0
<b>TOTAL</b>	<b>1,537</b>	<b>83</b>	<b>93</b>	<b>83</b>	<b>83</b>	<b>83</b>	<b>1,953</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	153	189	189	189	189	189	1,097	189
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>287</b>	<b>306</b>	<b>306</b>	<b>306</b>	<b>306</b>	<b>306</b>	<b>1,815</b>	<b>306</b>

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TOTAL COBRA ONE-TIME COST REPORT (COBRA v6.10) - Page 1/4  
 Data As Of 5/4/2005 3:43:03 PM, Report Created 5/4/2005 3:43:06 PM

Department : TJCSG  
 Scenario File : Z:\COBRA Database\TECH-0031\6.10\4MAYUPDATE\J - Tech-0031\_6.10\_4MAY2005.CBR  
 Option Pkg Name: Tech 0031 Move Detroit Sea Vehicles To NDW Carderock  
 Std Fctrs File : C:\Documents and Settings\Administrator\Desktop\COBRA 6.10\BRAC2005.SFF

(All values in 2005 Constant Dollars)

Category	Cost	Sub-Total
-----	-----	-----
Construction		
Military Construction	0	
Total - Construction		0
Personnel		
Civilian RIF	0	
Civilian Early Retirement	17,478	
Eliminated Military PCS	0	
Unemployment	7,381	
Total - Personnel		91,257
Overhead		
Program Management Cost	67,511	
Support Contract Termination	0	
Mothball / Shutdown	0	
Total - Overhead		67,511
Moving		
Civilian Moving	1,231,566	
Civilian PPP	0	
Military Moving	0	
Freight	0	
Information Technologies	0	
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	25,000	
Total - Other		25,000
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Total One-Time Costs		1,436,881
One-Time Savings		
Military Construction Cost Avoidances	0	
Military Moving	16,752	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	
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Total One-Time Savings		16,752
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Total Net One-Time Costs		1,436,881

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COBRA ONE-TIME COST REPORT (COBRA v6.10) - Page 1/1  
 Data As Of 5/4/2005 3:43:03 PM, Report Created 5/4/2005 3:43:06 PM

Department : TJCSG  
 Scenario File : Z:\COBRA Database\TECH-0031\6.10\May\UPDATE\J = Tech-0031\_6.10\_4MAY2005.CBR  
 Option Pkg Name: Tech 0031 Move Detroit Sea Vehicles to NAW Carderock  
 Std Fctrs File : C:\Documents and Settings\Administrator\Desktop\COBRA\_6.10\BRAC2005.BFF

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

Category	Cost	Sub-Total
<b>Construction</b>		
Military Construction	0	
<b>Total - Construction</b>		0
<b>Personnel</b>		
Civilian RIF	0	
Civilian Early Retirement	0	
Eliminated Military PCS	0	
Unemployment	0	
<b>Total - Personnel</b>		0
<b>Overhead</b>		
Program Management Cost	0	
Support Contract Termination	0	
Mothball / Shutdown	0	
<b>Total - Overhead</b>		0
<b>Moving</b>		
Civilian Moving	0	
Civilian PPP	0	
Military Moving	0	
Freight	0	
Information Technologies	0	
One-Time Moving Costs	0	
<b>Total - Moving</b>		0
<b>Other</b>		
HAP / RSE	0	
Environmental Mitigation Costs	0	
Mission Contract Startup and Termination	0	
One-Time Unique Costs	0	
<b>Total - Other</b>		0
<b>Total One-Time Costs</b>		<b>0</b>
<b>One-Time Savings</b>		
Military Construction Cost Avoidances	0	
Military Moving	0	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	
<b>Total One-Time Savings</b>		<b>0</b>
<b>Total Net One-Time Costs</b>		<b>0</b>

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COBRA ONE-TIME COST REPORT (COBRA v6.10) - Page 1/4

Data As Of 5/4/2005 3:43:03 PM, Report Created 5/4/2005 3:43:06 PM

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

Category	Cost	Sub-Total
Construction		
Military Construction	0	0
Total - Construction		0
Personnel		
Civilian RIF	61,000	
Civilian Early Retirement	29,578	
Eliminated Military PCS	0	
Unemployment	4,181	
Total - Personnel		91,257
Overhead		
Program Management Cost	67,811	
Support Contract Termination	0	
Mothball / Shutdown	0	
Total - Overhead		67,811
Moving		
Civilian Moving	1,231,000	
Civilian PPP	0	
Military Moving	10,000	
Freight	20,000	
Information Technologies	3,000	
One-Time Moving Costs	0	
Total - Moving		1,269,560
Other		
HAP / RSE	0	
Environmental Mitigation Costs	0	
Mission Contract Start-up and Termination	0	
One-Time Unique Costs	0	
Total - Other		0
<b>Total One-Time Costs</b>		<b>1,428,634</b>
One-Time Savings		
Military Construction Cost Avoidances	0	
Military Moving	10,000	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	
<b>Total One-Time Savings</b>		<b>10,000</b>
<b>Total Net One-Time Costs</b>		<b>1,411,634</b>

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COBRA ONE-TIME COST REPORT (COBRA v6.10) = Page 4/4  
 Data As Of 5/4/2005 3:43:03 PM, Report Created 5/4/2005 3:43:06 PM

Department : TJCSG  
 Scenario File : Z:\COBRA Database\TECH-0031\6.10\4MayUPPAW\W = Tech-0031\_6.1)\_4MAY2005.CBR  
 Option Pkg Name: Tech 0031 Move Detroit Sea Vehicles to NEW Carderock  
 Std Fctrs File : C:\Documents and Settings\Administrator\Desktop\COBRA 6.10\BRAC2005.BFF

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

Category		Sub-Total
Construction		
Military Construction		
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	25,000	
Total - Other		25,000
<b>Total One-Time Costs</b>		<b>25,000</b>
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	
<b>Total One-Time Savings</b>		<b>0</b>
<b>Total Net One-Time Costs</b>		<b>25,000</b>

Department : TJCSG  
 Scenario File : Z:\COBRA Database\TECH-0031\6.10\4MayUPDATE\J - Tech-0031\_6.10\_4MAY2005.CBR  
 Option Pkg Name: Tech 0031 Move Detroit Sea Vehicles to NDW Carderock  
 Std Fctrs File : C:\Documents and Settings\Administrator\Desktop\COBRA 6.10\BRAC2005.SFF

## FOOTNOTES FOR SCREEN ONE

=====

Realign elements of Detroit Arsenal, MI by collocating Sea Vehicle (D&A) at NSWC Bethesda, MD, and Program Management and Direction of Sea Vehicle (D&A) at Washington Navy Yard D.C.

## Source Files:

1. TJCSG Minutes approval to move only Detroit 10FEB2005
2. TECH 31 Completed Army.xls dtd 7Feb2005
3. TECH-0031 Response from DON, 31 Mar 2005
4. Chg Record DDC 1486 - Ser T487 Scenario TECH-0031 dtd 7FEB2005
5. Reply to request for ssei tech 0042 0031 dtd 7APR2005
6. TJCSG Approval of Standard Assumptions Dtd 13 Jan 2005

Port Hueneme Removed by Source File 1.

Panama City Removed by Source File 1.

Source File 3 contains fleet recommendation to add Little Creek Amphibious base as alternate relieving location.

Source File 4 provides data for the addition of Little Creek Amphibious Base.

Little Creek Amphibious Base Removed by Source File 1.

Naval Engineering Station Philadelphia removed by source File 1.

Data Standards Approved TJCSG Minutes 13 January

## A. Start Dates

- 1) For moves requiring no renovation or new office space 2006
- 2) For moves requiring Office Space move in 2008
- 3) For moves requiring Lab Space move in 2008

## B. MILCON

- 1) For purposes of COBRA, assume 160 Gross Square Feet (DOD Standard) for Office Space (FAC 6100).
- 2) For S&T organizations requiring MILCON, absent a detailed breakout of equipment and facilities, use 150 Gross Square feet per person (this from the NAVFAC guide for Laboratories).
- 3) For SCIFS the FAC code is 1404. For purposes of housing people in SCIFS (when they are reported as separate and additional facilities), we want to assume 1 person per 1000 square feet will use that space as an office. That person should be removed from the other portion of the building.
- 4) The following calculation is performed to determine whether there is sufficient space to accept donor base personnel:  $160 * \text{reassigned personnel} + 150 * \text{research FTEs being reassigned}$ . If this figure exceeds the space being constructed, renovated or available at the receiving base by 50,000 square feet, the phrase insufficient milcon is displayed in the comments. Similarly, if the space being constructed, renovated or available at the receiving base exceeds the needed space, the phrase excessive milcon is displayed in the comments.

## C. Addition Network/IT Costs

- 1) COBRA allows \$1200 per person for a single network. Use \$1200 person for an addition networks (S,TS).

## D. Additional Savings

- 1) If leased space has not had an AT/FP upgrade, HAS is assuming a one-time savings of \$28.28 per gross square foot in NCR. This means that if we move out of a leased space in the DC area that has not been upgraded we can take that as a savings.

## E. Personnel Reductions

- 1) Subgroups can apply a 15% reduction against all government personnel moved.
- 2) There are three types of organizations at the receiving site:
  - Consolidated
  - Joint
  - Co-located

Department : TJCSG  
Scenario File : Z:\COBRA Database\TECH-0031\6.10\4MayUPDATE\J - Tech-0031\_6.10\_4MAY2005.CBR  
Option Pkg Name: Tech 0031 Move Detroit Sea Vehicles to NDW Carderock  
Std Fctrs File : C:\Documents and Settings\Administrator\Desktop\COBRA 6.10\BRAC2005.SFF

3) Subgroups can use their best judgment on the personnel reductions possible in all three, but it would seem that Consolidated has the best opportunities for reductions in P&T, with Joint slightly less and Co-Located the least potential for reduction.

F. Contractor Reductions

- 1) Subgroups can apply a 15% reduction against all contractor personnel.
- 2) Show a \$200K Misc. Recurring Savings for each contractor eliminated.

G. Decontamination Costs

- 1) No decon costs allowed if the affected base is not closed.

FOOTNOTES FOR SCREEN THREE

Detroit

Source File 2. Identified 6 civilian Sea Vehicle RMTS to be moved to Moved to NAVSURFWARCEN Carderock.

Assumptions:

Moved personnel to 2006 per TJCSG standard assumption approved in TJCSG minutes dtd 13 Jan 2005

Source File 2. Identified 4 officers and 24 civilian Sea Vehicle Program Management to be moved to Moved to NAVSURFWARCEN Carderock.

Assumptions:

Moved personnel to 2006 per TJCSG standard assumption approved in TJCSG minutes dtd 13 Jan 2005 (Source File 6)

FOOTNOTES FOR SCREEN FIVE

Detroit:

Source File 2. Identified 5KSF of closure.

WNY

Source File 3 identified \$25K one time unique costs for reconfiguring workspaces for a total of 28 personnel in question 47, which was used to update screen 4.

Per Source File 5, \$3. required for env non-milton

From Question 47.

The losing activity identified 28 personnel for transfer. NAVSEA originally based its one-time unique costs for reconfiguring existing work spaces for 8 program management personnel at \$7.5K. With the identification of the additional 20 program managers the resultant total cost for reconfiguring work spaces is \$25K.

Assumptions:

Detroit: Because 5KSF would not result in closure of any building or any significant portion of a building, TJCSG made a conservative estimate that it equates to 0 KSF of realistic closure.

FOOTNOTES FOR SCREEN SIX

Detroit

Applied standard reduction assumptions approved by TJCSG minutes dtd 13Jan2005

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MILITARY VALUE RANK

Tech 13 or TJCSCG TECH-0031, Sea Vehicles D&A

ACQ	RESEARCH	T&E
Wash Navy Yard .4930	Carderrock .6893	Carderrock .2437
Carderrock .1660	Wash Navy Yard .0366	Wash Navy Yard .0357
Detroit Arsenal .1029	Detroit Arsenal --	Detroit Arsenal --