DCN:11673

TECH - 12

DOD Baseline

COBRA REALIGNMENT SUMMARY REPORT (COBRA v6.10) - Page 1/2
Data As Of 4/27/2005 10:00:49 AM, Report Created 4/27/2005 10:01:54 AM

Department :
Scenario File : Z:\COBRA Database\TECH-0018\TECH_0018E Final 6.10\J - TECH-0018E COBRA Input File with Footnotes (6.10) 04272005.CBR
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\Administrator\Desktop\COBRA 6.10\BRAC2005.SFF

Starting Year : 2006
Final Year : 2011
Payback Year : 2018 (7 Years)

NPV in 2025($K): -61,417
1-Time Cost($K): 86,442

Net Costs in 2005 Constant Dollars ($K)

	2006	2007	2008	2009	2010	2011	Total	Beyond
MilCon	4,733	19,398	0	0	33,192	0	57,323	0
Person	0	0	-41	-41	-41	-2,237	-2,360	-6,001
Overhd	530	888	159	40	1,084	-6,270	-3,568	-7,424
Moving	0	0	53	0	0	2,031	2,084	0
Missio	0	0	0	0	0	42	42	42
Other	0	0	12,535	116	1,223	9,290	23,165	-14
TOTAL	5,263	20,287	12,706	116	35,459	2,856	76,687	-13,397

	2006	2007	2008	2009	2010	2011	Total
POSITIONS ELIMINATED							
Off	0	0	0	0	0	6	6
Enl	0	0	0	0	0	30	30
Civ	0	0	0	0	0	37	37
TOT	0	0	0	0	0	73	73
POSITIONS REALIGNED							
Off	0	0	5	0	0	8	13
Enl	0	0	40	0	0	47	87
Stu	0	0	0	0	0	0	0
Civ	0	0	0	0	0	22	22
TOT	0	0	45	0	0	77	122

37%

>100 displaced 57 funded

- Possible sitters

122
73
195

Summary:

Source Data
1. TECH-0018,Part5 Response from DON, 15 Feb 2005.xls
2. TJCSG approved assumptions were not applied as directed by TJCSG, Navy Submit includes Navy Assumptions.

NPV results of 6.08 are $4081K greater than those of 6.07.

Data Standards

Gray 144 Civ eliminations

122
352
474

122
532
654

almost all military need to go

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* reassigned personnel + 150 * 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.

104,640

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
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 leas 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.

COBRA REALIGNMENT SUMMARY REPORT (COBRA v6.10) - Page 2/2
Data As Of 4/27/2005 10:00:49 AM, Report Created 4/27/2005 10:01:54 AM

Department :
Scenario File : Z:\COBRA Database\TECH-0018\TECH_0018E Final 6.10\J - TECH-0018E COBRA Input File with Footnotes (6.10) 04272005.CBR
Option Pkg Name:
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	4,733	19,398	0	0	33,192	0	57,323	0
Person	0	0	223	223	223	1,424	2,095	501
Overhd	530	888	952	833	1,878	3,066	8,148	1,913
Moving	0	0	137	0	0	2,140	2,278	0
Missio	0	0	0	0	0	42	42	42
Other	0	0	12,535	116	1,496	9,563	23,711	259
TOTAL	5,263	20,287	13,848	1,173	36,790	16,236	93,597	2,715

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	264	264	264	3,662	4,455	6,503
Overhd	0	0	793	793	793	9,337	11,716	9,337
Moving	0	0	85	0	0	109	193	0
Missio	0	0	0	0	0	0	0	0
Other	0	0	0	0	273	273	546	273
TOTAL	0	0	1,142	1,057	1,330	13,380	16,910	16,112

TOTAL COBRA ONE-TIME COST REPORT (COBRA v6.10) - Page 1/3
Data As Of 4/27/2005 10:00:49 AM, Report Created 4/27/2005 10:01:54 AM

Department :
Scenario File : Z:\COBRA Database\TECH-0018\TECH_0018E Final 6.10\J - TECH-0018E COBRA Input File with Footnotes (6.10) 04272005.CBR
Option Pkg Name:
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	57,323,372	
Total - Construction		57,323,372
Personnel		
Civilian RIF	631,381	
Civilian Early Retirement	59,945	
Eliminated Military PCS	182,821	
Unemployment	48,961	
Total - Personnel		923,108
Overhead		
Program Management Cost	1,742,942	
Support Contract Termination	880,000	
Mothball / Shutdown	191,430	
Total - Overhead		2,814,372
Moving		
Civilian Moving	579,298	
Civilian PPP	283,968	
Military Moving	212,538	
Freight	1,093,471	
Information Technologies	108,400	
One-Time Moving Costs	0	
Total - Moving		2,277,675
Other		
HAP / RSE	369,401	
Environmental Mitigation Costs	140,000	
Mission Contract Startup and Termination	0	
One-Time Unique Costs	22,594,000	
Total - Other		23,103,401
Total One-Time Costs		86,441,927
One-Time Savings		
Military Construction Cost Avoidances	0	
Military Moving	193,503	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	
Total One-Time Savings		193,503
Total Net One-Time Costs		86,248,424

COBRA ONE-TIME COST REPORT (COBRA v6.10) - Page 2/3
Data As Of 4/27/2005 10:00:49 AM, Report Created 4/27/2005 10:01:54 AM

Department :
Scenario File : Z:\COBRA Database\TECH-0018\TECH_0018E Final 6.10\J - TECH-0018E COBRA Input File with Footnotes (6.10) 04272005.CBR
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\Administrator\Desktop\COBRA 6.10\BRAC2005.SFF

Base: Patrick AFB, FL (SXHT)
(All values in 2005 Constant Dollars)

Category	Cost	Sub-Total
Construction		
Military Construction	0	
Total - Construction		0
Personnel		
Civilian RIF	631,381	
Civilian Early Retirement	59,945	
Eliminated Military PCS	182,821	
Unemployment	48,961	
Total - Personnel		923,108
Overhead		
Program Management Cost	1,742,942	
Support Contract Termination	880,000	
Mothball / Shutdown	191,430	
Total - Overhead		2,814,372
Moving		
Civilian Moving	579,298	
Civilian PPP	283,968	
Military Moving	212,538	
Freight	1,093,471	
Information Technologies	24,400	
One-Time Moving Costs	0	
Total - Moving		2,193,675
Other		
HAP / RSE	369,401	
Environmental Mitigation Costs	0	
Mission Contract Startup and Termination	0	
One-Time Unique Costs	1,060,000	
Total - Other		1,429,401
Total One-Time Costs		7,360,556
One-Time Savings		
Military Construction Cost Avoidances	0	
Military Moving	193,503	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	
Total One-Time Savings		193,503
Total Net One-Time Costs		7,167,053

COBRA ONE-TIME COST REPORT (COBRA v6.10) - Page 3/3
Data As Of 4/27/2005 10:00:49 AM, Report Created 4/27/2005 10:01:54 AM

Department :
Scenario File : Z:\COBRA Database\TECH-0018\TECH_0018E Final 6.10\J - TECH-0018E COBRA Input File with Footnotes (6.10) 04272005.CBR
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\Administrator\Desktop\COBRA 6.10\BRAC2005.SFF

Base: SUBASE KINGSBAY, GA (N42237)
(All values in 2005 Constant Dollars)

Category	Cost	Sub-Total
Construction		
Military Construction	57,323,372	
Total - Construction		57,323,372
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	84,000	
One-Time Moving Costs	0	
Total - Moving		84,000
Other		
HAP / RSE	0	
Environmental Mitigation Costs	140,000	
Mission Contract Startup and Termination	0	
One-Time Unique Costs	21,534,000	
Total - Other		21,674,000
Total One-Time Costs		79,081,372
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		79,081,372

– monthly for Ship (US not Carriers) berthing

COBRA TOTAL PERSONNEL SUMMARY REPORT (COBRA v6.10)
Data As Of 4/27/2005 10:00:49 AM, Report Created 4/27/2005 10:01:54 AM

Department :
Scenario File : Z:\COBRA Database\TECH-0018\TECH_0018E Final 6.10\J - TECH-0018E COBRA Input File with Footnotes (6.10) 04272005.CBR
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\Administrator\Desktop\COBRA 6.10\BRAC2005.SFF

TOTAL SCENARIO POPULATION (FY 2005):

Officers	Enlisted	Students	Civilians
1,154	6,981	300	4,821

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

	2006	2007	2008	2009	2010	2011	Total
Officers	3	0	0	0	0	0	3
Enlisted	-9	-1	0	0	0	0	-10
Students	0	0	0	0	0	0	0
Civilians	-5	-9	-2	-2	-4	0	-22
TOTAL	-11	-10	-2	-2	-4	0	-29

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

Officers	Enlisted	Students	Civilians
1,157	6,971	300	4,799

TOTAL PERSONNEL REALIGNMENTS, ENTIRE SCENARIO):

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	5	0	0	8	13
Enlisted	0	0	40	0	0	47	87
Students	0	0	0	0	0	0	0
Civilians	0	0	0	0	0	22	22
TOTAL	0	0	45	0	0	77	122

TOTAL SCENARIO POSITION CHANGES, ENTIRE SCENARIO:

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	0	-6	-6
Enlisted	0	0	0	0	0	-30	-30
Civilians	0	0	0	0	0	-37	-37
TOTAL	0	0	0	0	0	-73	-73

TOTAL SCENARIO POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
1,151	6,941	300	4,762

COBRA PERSONNEL SUMMARY REPORT (COBRA v6.10) - Page 2
Data As Of 4/27/2005 10:00:49 AM, Report Created 4/27/2005 10:01:54 AM

Department :
Scenario File : Z:\COBRA Database\TECH-0018\TECH_0018E Final 6.10\J - TECH-0018E COBRA Input File with Footnotes (6.10) 04272005.CBR
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\Administrator\Desktop\COBRA 6.10\BRAC2005.SFF

PERSONNEL SUMMARY FOR: Patrick AFB, FL (SXHT)

BASE POPULATION (FY 2005, Prior to BRAC Action) FOR: Patrick AFB, FL (SXHT)

Officers	Enlisted	Students	Civilians
477	1,256	0	1,752

PERSONNEL REALIGNMENTS:
To Base: SUBASE KINGSBAY, GA (N42237)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	5	0	0	8	13
Enlisted	0	0	40	0	0	47	87
Students	0	0	0	0	0	0	0
Civilians	0	0	0	0	0	22	22
TOTAL	0	0	45	0	0	77	122

TOTAL PERSONNEL REALIGNMENTS (Out of Patrick AFB, FL (SXHT)):

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	5	0	0	8	13
Enlisted	0	0	40	0	0	47	87
Students	0	0	0	0	0	0	0
Civilians	0	0	0	0	0	22	22
TOTAL	0	0	45	0	0	77	122

SCENARIO POSITION CHANGES FOR: Patrick AFB, FL (SXHT)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	0	-6	-6
Enlisted	0	0	0	0	0	-30	-30
Civilians	0	0	0	0	0	-37	-37
TOTAL	0	0	0	0	0	-73	-73

BASE POPULATION (After BRAC Action) FOR: Patrick AFB, FL (SXHT)

Officers	Enlisted	Students	Civilians
458	1,139	0	1,693

PERSONNEL SUMMARY FOR: SUBASE KINGSBAY, GA (N42237)

BASE POPULATION (FY 2005):

Officers	Enlisted	Students	Civilians
677	5,725	300	3,069

PROGRAMMED INSTALLATION (NON-BRAC) CHANGES FOR: SUBASE KINGSBAY, GA (N42237)

	2006	2007	2008	2009	2010	2011	Total
Officers	3	0	0	0	0	0	3
Enlisted	-9	-1	0	0	0	0	-10
Students	0	0	0	0	0	0	0
Civilians	-5	-9	-2	-2	-4	0	-22
TOTAL	-11	-10	-2	-2	-4	0	-29

BASE POPULATION (Prior to BRAC Action) FOR: SUBASE KINGSBAY, GA (N42237)

Officers	Enlisted	Students	Civilians
680	5,715	300	3,047

COBRA PERSONNEL SUMMARY REPORT (COBRA v6.10) - Page 3
Data As Of 4/27/2005 10:00:49 AM, Report Created 4/27/2005 10:01:54 AM

Department :
Scenario File : Z:\COBRA Database\TECH-0018\TECH_0018E Final 6.10\J - TECH-0018E COBRA Input File with Footnotes (6.10) 04272005.CBR
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\Administrator\Desktop\COBRA 6.10\BRAC2005.SFF

PERSONNEL REALIGNMENTS:
From Base: Patrick AFB, FL (SXHT)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	5	0	0	8	13
Enlisted	0	0	40	0	0	47	87
Students	0	0	0	0	0	0	0
Civilians	0	0	0	0	0	22	22
TOTAL	0	0	45	0	0	77	122

TOTAL PERSONNEL REALIGNMENTS (Into SUBASE KINGSBAY, GA (N42237)):

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	5	0	0	8	13
Enlisted	0	0	40	0	0	47	87
Students	0	0	0	0	0	0	0
Civilians	0	0	0	0	0	22	22
TOTAL	0	0	45	0	0	77	122

BASE POPULATION (After BRAC Action) FOR: SUBASE KINGSBAY, GA (N42237)

Officers	Enlisted	Students	Civilians
693	5,802	300	3,069

COBRA ECONOMIC IMPACT REPORT (COBRA v6.10)
Data As Of 4/27/2005 10:00:49 AM, Report Created 4/27/2005 10:01:54 AM

Department :
Scenario File : Z:\COBRA Database\TECH-0018\TECH_0018E Final 6.10\J - TECH-0018E COBRA Input File with Footnotes (6.10) 04272005.CBR
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\Administrator\Desktop\COBRA 6.10\BRAC2005.SFF

Patrick AFB, FL (SXHT)

	2006	2007	2008	2009	2010	2011	Total
Jobs Gained-Mil	0	0	0	0	0	0	0
Jobs Lost-Mil	0	0	45	0	0	91	136
NET CHANGE-Mil	0	0	-45	0	0	-91	-136
Jobs Gained-Civ	0	0	0	0	0	0	0
Jobs Lost-Civ	0	0	0	0	0	59	59
NET CHANGE-Civ	0	0	0	0	0	-59	-59
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

SUBASE KINGSBAY, GA (N42237)

	2006	2007	2008	2009	2010	2011	Total
Jobs Gained-Mil	0	0	45	0	0	55	100
Jobs Lost-Mil	0	0	0	0	0	0	0
NET CHANGE-Mil	0	0	45	0	0	55	100
Jobs Gained-Civ	0	0	0	0	0	22	22
Jobs Lost-Civ	0	0	0	0	0	0	0
NET CHANGE-Civ	0	0	0	0	0	22	22
Jobs Gained-Stu	0	0	0	0	0	0	0
Jobs Lost-Stu	0	0	0	0	0	0	0
NET CHANGE-Stu	0	0	0	0	0	0	0

SCENARIO ERROR REPORT (COBRA v6.10)

Data As Of 4/27/2005 10:00:49 AM, Report Created 4/27/2005 10:01:54 AM

Department :
Scenario File : Z:\COBRA Database\TECH-0018\TECH_0018E Final 6.10\J - TECH-0018E COBRA Input File with Footnotes (6.10) 04272005.CBR
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\Administrator\Desktop\COBRA 6.10\BRAC2005.SFF

SCENARIO DATA:
No Department was specified for this scenario.
No Option Package Name was given for this scenario.

COBRA INPUT DATA REPORT (COBRA v6.10)
Data As Of 4/27/2005 10:00:49 AM, Report Created 4/27/2005 10:01:54 AM

Department :
Scenario File : Z:\COBRA Database\TECH-0018\TECH_0018E Final 6.10\J - TECH-0018E COBRA Input File with Footnotes (6.10) 04272005.CBR
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\Administrator\Desktop\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:
Patrick AFB, FL (SXHT)	Realignment
SUBASE KINGSBAY, GA (N42237)	Realignment

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

Point A:	Point B:	Distance:
Patrick AFB, FL (SXHT)	SUBASE KINGSBAY, GA (N42237)	209 mi

INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from Patrick AFB, FL (SXHT) to SUBASE KINGSBAY, GA (N42237)

	2006	2007	2008	2009	2010	2011
Officer Positions:	0	0	5	0	0	8
Enlisted Positions:	0	0	40	0	0	47
Civilian Positions:	0	0	0	0	0	22
Student Positions:	0	0	0	0	0	0
NonVeh Missn Eqpt(tons):	0	0	26	0	0	4,000
Suppt Eqpt (tons):	0	0	30	0	0	400
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: Patrick AFB, FL (SXHT)

Total Officer Employees:	477	Base Service (for BOS/Sust):	Air Force
Total Enlisted Employees:	1,256	Total Sustainment($K/Year):	14,285
Total Student Employees:	0	Sustain Payroll ($K/Year):	10,839
Total Civilian Employees:	1,752	BOS Non-Payroll ($K/Year):	63,415
Accomp Mil not Receiving BAH:	28.5%	BOS Payroll ($K/Year):	31,319
Officer Housing Units Avail:	0	Family Housing ($K/Year):	10,907
Enlisted Housing Units Avail:	0	Installation PRV($K):	988,732
Starting Facilities(KSF):	3,211	Svc/Agcy Recap Rate (Years):	121
Officer BAH ($/Month):	1,381	Homeowner Assistance Program:	Yes
Enlisted BAH ($/Month):	942		
Civ Locality Pay Factor:	1.109		
Area Cost Factor:	0.97		
Per Diem Rate ($/Day):	144		
Freight Cost ($/Ton/Mile):	0.24		
Vehicle Cost ($/Lift/Mile):	4.84		
Latitude:	28.235042		
Longitude:	-80.607996		

TRICARE	In-Pat Admits	Out-Pat Visits	Prescrip
CostFactor	5,468.69	114.00	20.07
Actv MTF	0	37,296	53,260
Actv Purch	635	35,595	
Retiree	0	29,768	201,103
Retiree65+	0	3,431	385,793

COBRA INPUT DATA REPORT (COBRA v6.10) - Page 2
Data As Of 4/27/2005 10:00:49 AM, Report Created 4/27/2005 10:01:54 AM

Department :
Scenario File : Z:\COBRA Database\TECH-0018\TECH_0018E Final 6.10\J - TECH-0018E COBRA Input File with Footnotes (6.10) 04272005.CBR
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\Administrator\Desktop\COBRA 6.10\BRAC2005.SFF

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: SUBASE KINGSBAY, GA (N42237)

Total Officer Employees:	677	Base Service (for BOS/Sust):	Navy
Total Enlisted Employees:	5,725	Total Sustainment($K/Year):	30,299
Total Student Employees:	300	Sustain Payroll ($K/Year):	735
Total Civilian Employees:	3,069	BOS Non-Payroll ($K/Year):	49,189
Accomp Mil not Receiving BAH:	96.8%	BOS Payroll ($K/Year):	10,453
Officer Housing Units Avail:	1	Family Housing ($K/Year):	3,996
Enlisted Housing Units Avail:	8	Installation PRV($K):	1,805,139
Starting Facilities(KSF):	5,627	Svc/Agcy Recap Rate (Years):	114
Officer BAH ($/Month):	874	Homeowner Assistance Program:	Yes
Enlisted BAH ($/Month):	688		
Civ Locality Pay Factor:	1.109		
Area Cost Factor:	0.99		
Per Diem Rate ($/Day):	86		
Freight Cost ($/Ton/Mile):	0.25		
Vehicle Cost ($/Lift/Mile):	4.84		
Latitude:	30.480000		
Longitude:	-81.410000		

TRICARE	In-Pat Admits	Out-Pat Visits	Prescrip
CostFactor	6,521.00	108.00	23.66
Actv MTF	0	55,690	74,917
Actv Purch	1,102	69,712	
Retiree	0	9,433	44,138
Retiree65+	0	159	19,837

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: Patrick AFB, FL (SXHT)

	2006	2007	2008	2009	2010	2011
1-Time Unique Cost ($K):	0	0	0	0	0	1,060
1-Time Unique Save ($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	42
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	880
Misc Recurring Cost($K):	0	0	0	0	0	0
Misc Recurring Save($K):	0	0	0	0	0	1,900
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	273	273

MTF Closure Action: None Fac ShDn(KSF): 425 FH ShDn: 0.000%

COBRA INPUT DATA REPORT (COBRA v6.10) - Page 3
Data As Of 4/27/2005 10:00:49 AM, Report Created 4/27/2005 10:01:54 AM

Department :
Scenario File : Z:\COBRA Database\TECH-0018\TECH_0018E Final 6.10\J - TECH-0018E COBRA Input File with Footnotes (6.10) 04272005.CBR
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\Administrator\Desktop\COBRA 6.10\BRAC2005.SFF

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: SUBASE KINGSBAY, GA (N42237)

	2006	2007	2008	2009	2010	2011
1-Time Unique Cost ($K):	0	0	12,220	0	1,380	7,934
1-Time Unique Save ($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($K):	0	0	140	0	0	0
Activ Mission Cost ($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($K):	0	0	0	0	260	260
Misc Recurring Save($K):	0	0	0	0	0	4,000
One-Time IT Costs ($K):	0	0	0	0	0	84
Construction Schedule(%):	0%	0%	0%	0%	0%	0%
Shutdown Schedule (%):	0%	0%	0%	0%	0%	0%
Misn Milcon Avoidnc($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%

INPUT SCREEN SIX - BASE PERSONNEL INFORMATION

Name: Patrick AFB, FL (SXHT)

	2006	2007	2008	2009	2010	2011
Off Scenario Change:	0	0	0	0	0	-6
Enl Scenario Change:	0	0	0	0	0	-30
Civ Scenario Change:	0	0	0	0	0	-37
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:	50%	0%	0%	0%	0%	0%

Name: SUBASE KINGSBAY, GA (N42237)

	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:	3	0	0	0	0	0
Enl Prog nonBRAC Change:	-9	-1	0	0	0	0
Civ Prog nonBRAC Change:	-5	-9	-2	-2	-4	0
Stu Prog nonBRAC Change:	0	0	0	0	0	0
Prog FH Privatization:	0%	100%	0%	0%	0%	0%

COBRA INPUT DATA REPORT (COBRA v6.10) - Page 4
Data As Of 4/27/2005 10:00:49 AM, Report Created 4/27/2005 10:01:54 AM

Department :
Scenario File : Z:\COBRA Database\TECH-0018\TECH_0018E Final 6.10\J - TECH-0018E COBRA Input File with Footnotes (6.10) 04272005.CBR
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\Administrator\Desktop\COBRA 6.10\BRAC2005.SFF

INPUT SCREEN SEVEN - BASE MILITARY CONSTRUCTION INFORMATION

Name: SUBASE KINGSBAY, GA (N42237)

FAC	UM	New MilCon	Rehab MilCon	TotCost($K)	FPG Con CF	FPG Sust CF
1721	SF	17,000	0 Default	0	184.67	5.31
2123	SF	10,000	0 Default	0	167.74	2.64
2126	SF	25,000	0 Default	0	393.25	8.48
3121	SF	30,000	0 Default	0	299.34	3.16
3191	SF	35,000	0 Default	0	147.68	3.32
4421	SF	35,000	0 Default	0	75.98	2.06
4423	SF	2,400	0 Default	0	122.74	5.17
6100	SF	60,000	0 Default	0	138.78	2.52
8521	SY	21,000	0 Default	0	45.83	1.07
8122	LF	11,000	0 Default	0	11.05	1.13
8511	SY	14,000	0 Default	0	22.25	0.54
8522	SY	90,000	0 Default	0	6.75	0.16
8321	LF	11,000	0 Default	0	51.48	0.06
8421	LF	6,000	0 Default	0	39.03	0.85
8121	LF	15,000	0 Default	0	31.84	0.18
8121	LF	600	0 Default	0	31.84	0.18
8131	KV	60,000	0 Default	0	66.22	2.12
8121	LF	600	0 Default	280	31.84	0.18

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%

COBRA INPUT DATA REPORT (COBRA v6.10) - Page 5
Data As Of 4/27/2005 10:00:49 AM, Report Created 4/27/2005 10:01:54 AM

Department :
Scenario File : Z:\COBRA Database\TECH-0018\TECH_0018E Final 6.10\J - TECH-0018E COBRA Input File with Footnotes (6.10) 04272005.CBR
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\Administrator\Desktop\COBRA 6.10\BRAC2005.SFF

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

COBRA INPUT DATA REPORT (COBRA v6.10) - Page 6
Data As Of 4/27/2005 10:00:49 AM, Report Created 4/27/2005 10:01:54 AM

Department :
Scenario File : Z:\COBRA Database\TECH-0018\TECH_0018E Final 6.10\J - TECH-0018E COBRA Input File with Footnotes (6.10) 04272005.CBR
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\Administrator\Desktop\COBRA 6.10\BRAC2005.SFF

FOOTNOTES FOR SCREEN ONE
==========
Source Data
1. TECH-0018,Part5 Response from DON, 15 Feb 2005.xls
2. TJCSG approved assumptions were not applied as directed by TJCSG, Navy Submit includes Navy Assumptions.

NPV results of 6.08 are $4081K greater than those of 6.07.

Data Standards

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* reassigned personnel + 150 * 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
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 leas 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 :
Scenario File : Z:\COBRA Database\TECH-0018\TECH_0018E Final 6.10\J - TECH-0018E COBRA Input File with Footnotes (6.10) 04272005.CBR
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\Administrator\Desktop\COBRA 6.10\BRAC2005.SFF

FOOTNOTES FOR SCREEN THREE
==========
Certified Data Source 1:

Patrick AFB to Kingsbay

Officers: NAVORTESTU_CAPE_CANAVERAL_FL rationale: OTSU 2 OFFICERS. Personnel require secure facility for the handling of classified information. Ship services are on coordinated dwg. NAVORDTESTU_CAPE_CANAVERAL_FL rationale: Based on program requirements in SPOSE. NOTU has to support ship and flight test mission requirements. Includes SPF(C)det. Would relocate with transition of CX30.

Enlisted: NOTU rationale: OTSU 2 ENLISTED contingent. Currently housed in an area 3000 sq. ft. Require secure area for handling and processing of classified information. NOTU rationale: TI team which remain joined to CX30 until relocation. Requires classified material handling, and storage area. NOTU rationale: SPF (C) det. Would relocate with transition of CX30.

Personnel: NOTU rationale: MWR personnel, under CNRSE NOTU rationale: Flight test mission support personnel for both coast. Requires office space and areas to handle and process classified information. NOTU rationale: SPF(C) detachment. Relocates when D5LE development complete and CX30 is relocated.

Mission Equipment 2008: 26 Tons Flight Test Support Vans.
Mission Equipment 2011: 4000 Tons Relocation of CX30, GTB, PILS, DARC

Support Equipment 2008: 30 Tons Certified Data without justification.
Support Equipment 2011: 400 Tons
145 Tons,17 Forklifts, either relocated to KB or distributed throughout the Navy.
60 Tons, Relocate 2 service units and associated equipment.
195 Tons, Equipment (desks, equipment, safes, bookcases, data roll table, electronic components need to support operations).

FOOTNOTES FOR SCREEN FIVE
==========
Patrick AFB

One-Time Unique Cost -Losing:
Recalibration / Repair of Relocated Equipment 60K FY11,Some of the equipment being relocated is sensitive to vibration etc and will require recalibration after it is relocated. We would expect that there would be significant repair requirements as well

Removal 120 Ton Portal Crane: 400K FY11,Navy Class III property to be removed before turnover to AF.

Removal 45 Ton Portal Crane: 300K FY11,Navy Class III property to be removed before turnover to AF.

Removal 110 Gantry Crane: 150K FY11,Navy Class III property to be removed before turnover to AF.

Removal Access Stand: 150K FY11,Navy Class III property to be removed before turnover to AF.

Mission Cost:
Travel to support Range meetings/ops: 42K Cost associated with 2 ops and related monthly travel.

Support Contract Terminating Cost:

Department :
Scenario File : Z:\COBRA Database\TECH-0018\TECH_0018E Final 6.10\J - TECH-0018E COBRA Input File with Footnotes (6.10) 04272005.CBR
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\Administrator\Desktop\COBRA 6.10\BRAC2005.SFF

Severance pay: 750K FY11, BOS contractor layoffs of direct contractor support.
Severance pay: 100K Air Force contractor support
Severance pay: 30K Air Force support

Miscellaneous Recurring Savings:

Dredging: 350K Trident area specific dredging and quarterly surveys
Force protection cost: 1400K Cost transferred to Air Force due to force protection criteria
150K Savings from reduced manning

Procurement Cost Avoidances- Losing:

Camels: 273K FY10, Camel Replacement Procurement(Lifecycle)
Camels: 273K FY11, Camel Replacement Procurement(Lifecycle)

Facility shutdown certified data 425.4KSF without further detail

Kings Bay

One Time Unique Cost-Receiving:

Facility Activation Costs: Develop operational procedures: 4000K Facility Activation Costs: Test and Development are very different from Tactical production so documentation/procedures would need to be developed to keep these disciplines separate. Additionally, activation documentation would need to be required for acceptance of each new facility plus the establishment of each capability.

Reorganize and realign SWFLANT functions: 130K Develop Appropriate Staffing Plan: SWFLANT would be assigned a great deal more responsibility and therefore would be required to adjust command structure to support new and very different missions. 1 Man-yr in FY10

Storage space for queuing and distribution would need to be established before new permanent storage would be available.: 2500K 50 KSF required per year in FY10 & FY11 to support equipment transfers. $25/SF x 50KSF = $1,250K per year

Unique facility equipment would be required to be refurbished before installation in new facility.: 684K 5 Man-Hrs/Ton x $72/Man-Hr = $360/Ton

GDAIS Operations and Maintenance of GTB: 2000K GTB is currently operated and maintained by GDAIS. Contract support for new facility would need to be accomplished at the same time as maintaining old facility for a period of 6 months. The turn over cost captured in 35 One-time unique costs. Operational costs for GTB at Kings Bay is based on estimate of $2,000K.

Fender System-Cleats for ARDM: 4990K Existing ARDM mooring located at Site 6 does not have a fender system or cleats to accommodate the USNS Waters. The Layberth will not be used as a mooring site for the Waters. Layberth is needed to berth visiting ships.

Repair Site 6 Layberth Fender System: 2230K Existing fender system is in poor condition. The Layberth pier will be used to load equipment trailers ~~on the USNS Waters prior to departing for~~ the test range.

Floating Security Barrier Site 6: 5000K The USNS Waters will be berthed at Site 6 which is located outside the WRA. A new floating security will be required to enclose the berthing area.

Environmental Non-MILCON COST- RECEIVING:
Categorical Exclusion (CATEX): 10K Based on action in scenario and no requirements for NEPA, an EA or EIS is not required. Perform CATEX w/in-house personnel. Would include action #1 also.

4990 - new berthing
2230 - fix existing fender sys for visiting ships and also to load USNS Waters
5000 - floating security for USNS Waters

12,220,000 in one time costs are applicable to the transfer of USNS Waters

COBRA INPUT DATA REPORT (COBRA v6.10) - Page 9
Data As Of 4/27/2005 10:00:49 AM, Report Created 4/27/2005 10:01:54 AM

Department :
Scenario File : Z:\COBRA Database\TECH-0018\TECH_0018E Final 6.10\J - TECH-0018E COBRA Input File with Footnotes (6.10) 04272005.CBR
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\Administrator\Desktop\COBRA 6.10\BRAC2005.SFF

Compliance Plans: 130K Updates to legally required compliance plans - Spill Prevention, Control & Countermeasure, Facility Response, HAZWASTE Mgmt Plan, Natural Resource Management and Industrial Waste Water Management.

Miscellaneous Recurring Costs- Receiving:

The additional 75 personnel will require computer support.: 260K Due to the expected dispersed location and unique computing requirement two additional BAI computer support personnel will be required.

Miscellaneous Recurring Savings- Receiving:

Reduction of 20 LMSS Contractor Support Personnel: 4000K This is the savings realized by effort already provided within the current LM SWFLANT contract workforce.

One Time IT Cost- Receiving:

The additional 75 personnel (53 Mil and 22 Civ) will require computer support.:
84K Assume 70% of military personnel (53 x 70%=37) and all civilians (22) will require a computer. Also assume that 30% of desktop computers can transfer to receiving activity. Finally, assume cost is $2K per individual for a computer suite. [(37+22) individual computer requirements - 30%(37+22) transferred computers] x $2K for new computer suite = $84K

FOOTNOTES FOR SCREEN SIX
==========
Patrick AFB
OFFICER POSITIONS: 6 eliminations 2011, NAVORDTESTU_CAPE_CANAVERAL_FL rationale: Command disestablishment CO/XO, Admin, Supply, Port Ops.

ENLISTED POSITIONS:30 eliminations 2011, NAVORDTESTU_CAPE_CANAVERAL_FL rationale: Supply, Admin, Port Ops

CIVILIAN POSITIONS: 37 eliminations 2011, NAVORDTESTU_CAPE_CANAVERAL_FL rationale: QA, Admin, MIS, Security, Safety, Haz Waste, Fac Engineering, Finance.

FOOTNOTES FOR SCREEN SEVEN
==========

FAC	FAC DESCRIPTION	UM	NEW MILCON(UM)	TOTAL COST($K),IF PROVIDED

RESPONDANTS RATIONALE

1721 Flight Simulator Facility sf 17000
Respondent's rationale: CCN 17135- New developmental facility in support of SPALT development, problem resolution, ordnance testing and equipment proofing.

2123 Missile/Launcher Maintenance Support Facility sf 10000
Respondent's rationale: CCN 21220- New maintenance shop in support of M250 refurbishment and support equipment machine work, Contractor admin space, electronics environmentally controlled storage. 50% facility to be environmentally controlled, 50% covered storage

2126 Intercontinental Ballistic Missile Processing Facili sf 25000
Respondent's rationale: CCN 21250- New production building for Test Missile Kit production, Missile Checkout (C-MESSA mock-up), Service Unit Trainer, KDT fault isolation work. Special exhaust requirement; Crane required.# 57511, 57512, 62820

3121 Missile and Space RDT&E Facility sf 30000

17,000 Sim
10,000 Main
25,000 Produc
30,000 R+D
35,000 R+D
~~30,000~~
60,000
~~212,000~~
177,000

Department :
Scenario File : Z:\COBRA Database\TECH-0018\TECH_0018E Final 6.10\J - TECH-0018E COBRA Input File with Footnotes (6.10) 04272005.CBR
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\Administrator\Desktop\COBRA 6.10\BRAC2005.SFF

Respondent's rationale: CCN 31215, 31220- New facility for the testing of guidance and control systems including tactical FC system software testing, guidance calibration, labs and star sightings. Strict environmental requirements necessary, as well as special foundation, overhead cranes and stabilized power.

3191 Miscellaneous Item and Equipment RDT&E Facility sf 35000
Respondent's rationale: CCN 31915- New facility for environmentally controlled storage of contractor support equipment, flight test support equipment, DASO support equipment and MESSA equipment.

4421 Covered Storage Building, Installation sf 35000
Respondent's rationale: CCN 44110- New facility for general storage space to support NOTU and support contractors.

4423 Hazardous Materials Storage, Installation SF 2400
Respondent's rationale: CCN 44130- New facility for hazardous and flammable storage containing two bays for incompatible materials.

6100 General Administrative Building sf 60000
Respondent's rationale: CCN 61010- New admin space will be required to support the NOTU mission. This quantity of available admin space does not presently exist at NSB Kings Bay. Various antenna requirements, UPS, 10K SF of TS Storage space, video, surveillance, and alarm system. Requires secret links to SETA and GTB buildings. Must receive telemetry data from Eastern Range.

8521 Vehicle Parking, Surfaced sy 21000
Respondent's rationale: CCN 85210- New parking will be required at the site of the new NOTU Complex. The complex will be sited in an unimproved area.

8122 Exterior Lighting Lines lf 11000
Respondent's rationale: CCN 81220- New street and parking lot lighting for the NOTU Complex.

8511 Road, Surfaced sy 14000
Respondent's rationale: CCN 85110- New road to the NOTU Complex.

8522 Vehicle Parking, Unsurfaced SY 90000
Respondent's rationale: CCN 85235- New paved lay-down and staging areas for the NOTU Complex. Includes 60,000 SF for FTS Vans.

8321 Sewer and Industrial Waste Line lf 11000
Respondent's rationale: New wastewater utilities will be required to serve the NOTU Complex. New lift stations and forcemains will be required.

8421 Water Distribution Line, Potable lf 6000
Respondent's rationale: Major upgrades will be required to the SUBASE potable water systems. New water mains will be required to serve the new NOTU Complex.

8121 Electrical Power Distribution Line lf 15000
Respondent's rationale: New ductbank and cabling will be required to serve the NOTU Complex from Substation #1.

8121 Electrical Power Distribution Line lf 600
Respondent's rationale: The ARDM substation was removed when the ARDM-1 left Kings Bay. New power service to the ARDM can be fed from the existing Site 6 power system. New conduit, cable, breakers, and service hoods will be required. 8 circuits will be required.

8131 Electrical Power Substation and Switching KV 60000
Respondent's rationale: Electrical system upgrades will be required at

Department :
Scenario File : Z:\COBRA Database\TECH-0018\TECH_0018E Final 6.10\J - TECH-0018E COBRA Input File with Footnotes (6.10) 04272005.CBR
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\Administrator\Desktop\COBRA 6.10\BRAC2005.SFF

Sub-Station #1 to accommodate the NOTU Complex. A new generator will be added to Substation 1.

8121 Electrical Power Distribution Line LF 600
280 Respondent's rationale: The ARDM substation was removed when the ARDM-1 left Kings Bay. New power service to the ARDM can be fed from the existing Site 6 power system. New conduit, cable, breakers, and service hoods will be required. 8 circuits will be required.

COBRA PERSONNEL/SF/SUSTAINMENT/RECAP/BOS DELTAS REPORT (COBRA v6.10)
Data As Of 4/27/2005 10:00:49 AM, Report Created 4/27/2005 10:01:54 AM

Department :
Scenario File : Z:\COBRA Database\TECH-0018\TECH_0018E Final 6.10\J - TECH-0018E COBRA Input File with Footnotes (6.10) 04272005.CBR
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\Administrator\Desktop\COBRA 6.10\BRAC2005.SFF

Personnel

Base	Start*	Finish*	Change	%Change
Patrick AFB	3,485	3,290	-195	-6%
SUBASE KINGSBAY	9,742	9,864	122	1%
TOTAL	13,227	13,154	-73	-1%

Square Footage

Base	Start	Finish	Change	%Change	Chg/Per
Patrick AFB	3,211,000	2,785,600	-425,400	-13%	2,181
SUBASE KINGSBAY	5,627,214	5,841,614	214,400	4%	1,757
TOTAL	8,838,214	8,627,214	-211,000	-2%	2,890

Base Operations Support (2005$)

Base	Start*	Finish*	Change	%Change	Chg/Per
Patrick AFB	63,415,446	61,517,945	-1,897,501	-3%	9,731
SUBASE KINGSBAY	49,112,951	49,434,727	321,775	1%	2,637
TOTAL	112,528,397	110,952,672	-1,575,725	-1%	21,585

Sustainment (2005$)

Base	Start	Finish	Change	%Change	Chg/Per
Patrick AFB	3,446,198	2,989,638	-456,559	-13%	2,341
SUBASE KINGSBAY	29,563,718	30,433,426	869,708	3%	7,129
TOTAL	33,009,916	33,423,064	413,148	1%	-5,659

Recapitalization (2005$)

Base	Start	Finish	Change	%Change	Chg/Per
Patrick AFB	8,171,339	7,088,783	-1,082,556	-13%	5,551
SUBASE KINGSBAY	15,834,553	16,296,074	461,521	3%	3,783
TOTAL	24,005,892	23,384,857	-621,035	-3%	8,507

Sustain + Recap + BOS (2005$)

Base	Start	Finish	Change	%Change	Chg/Per
Patrick AFB	75,032,983	71,596,367	-3,436,616	-5%	17,624
SUBASE KINGSBAY	94,511,223	96,164,226	1,653,004	2%	13,549
TOTAL	169,544,206	167,760,593	-1,783,612	-1%	24,433

Plant Replacement Value (2005$)

Base	Start	Finish	Change	%Change	Chg/Per
Patrick AFB	988,732,050	857,742,759	-130,989,291	-13%	671,740
SUBASE KINGSBAY	1,805,139,069	1,857,752,437	52,613,368	3%	431,257
TOTAL	2,793,871,119	2,715,495,196	-78,375,923	-3%	1,073,643

COBRA PERSONNEL/SF/SUSTAINMENT/RECAP/BOS DELTAS REPORT (COBRA v6.10) - Page 2
Data As Of 4/27/2005 10:00:49 AM, Report Created 4/27/2005 10:01:54 AM

Department :
Scenario File : Z:\COBRA Database\TECH-0018\TECH_0018E Final 6.10\J - TECH-0018E COBRA Input File with Footnotes (6.10) 04272005.CBR
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\Administrator\Desktop\COBRA 6.10\BRAC2005.SFF

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

TOTAL COBRA REALIGNMENT DETAIL REPORT (COBRA v6.10) - Page 1/9
Data As Of 4/27/2005 10:00:49 AM, Report Created 4/27/2005 10:01:54 AM

Department :
Scenario File : Z:\COBRA Database\TECH-0018\TECH_0018E Final 6.10\J - TECH-0018E COBRA Input File with Footnotes (6.10) 04272005.CBR
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\Administrator\Desktop\COBRA 6.10\BRAC2005.SFF

ONE-TIME COSTS -----($K)-----	2006	2007	2008	2009	2010	2011	Total
CONSTRUCTION							
MILCON	4,733	19,398	0	0	33,192	0	57,323
O&M							
CIV SALARY							
Civ RIF	0	0	0	0	0	631	631
Civ Retire	0	0	0	0	0	60	60
CIV MOVING							
Per Diem	0	0	0	0	0	58	58
POV Miles	0	0	0	0	0	1	1
Home Purch	0	0	0	0	0	300	300
HHG	0	0	0	0	0	45	45
Misc	0	0	0	0	0	22	22
House Hunt	0	0	0	0	0	37	37
PPP	0	0	0	0	0	284	284
RITA	0	0	0	0	0	117	117
FREIGHT							
Packing	0	0	3	0	0	5	8
Freight	0	0	31	0	0	1,055	1,086
Vehicles	0	0	0	0	0	0	0
Unemployment	0	0	0	0	0	49	49
OTHER							
Info Tech	0	0	9	0	0	99	108
Prog Manage	530	397	298	224	168	126	1,743
Supt Contrac	0	0	0	0	0	880	880
Mothball	0	0	44	0	0	147	191
1-Time Move	0	0	0	0	0	0	0
MIL PERSONNEL							
MIL MOVING							
Per Diem	0	0	2	0	0	3	5
POV Miles	0	0	2	0	0	2	4
HHG	0	0	46	0	0	57	103
Misc	0	0	45	0	0	55	100
OTHER							
Elim PCS	0	0	0	0	0	183	183
OTHER							
HAP / RSE	0	0	59	0	0	310	369
Environmental	0	0	140	0	0	0	140
Misn Contract	0	0	0	0	0	0	0
1-Time Other	0	0	12,220	0	1,380	8,994	22,594
TOTAL ONE-TIME	5,263	19,796	12,899	224	34,740	13,521	86,442

TOTAL COBRA REALIGNMENT DETAIL REPORT (COBRA v6.10) - Page 2/9
Data As Of 4/27/2005 10:00:49 AM, Report Created 4/27/2005 10:01:54 AM

Department :
Scenario File : Z:\COBRA Database\TECH-0018\TECH_0018E Final 6.10\J - TECH-0018E COBRA Input File with Footnotes (6.10) 04272005.CBR
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\Administrator\Desktop\COBRA 6.10\BRAC2005.SFF

RECURRINGCOSTS -----($K)-----	2006	2007	2008	2009	2010	2011	Total	Beyond
O&M								
Sustainment	0	321	321	321	870	870	2,702	870
Recap	0	170	170	170	461	461	1,434	461
BOS	0	0	119	119	119	322	678	322
Civ Salary	0	0	0	0	0	0	0	0
TRICARE	0	0	116	116	116	259	608	259
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	223	223	223	501	1,172	501
OTHER								
Mission Activ	0	0	0	0	0	42	42	42
Misc Recur	0	0	0	0	260	260	520	260
TOTAL RECUR	0	491	950	950	2,050	2,715	7,155	2,715
TOTAL COST	5,263	20,287	13,848	1,173	36,790	16,236	93,597	2,715

ONE-TIME SAVES -----($K)-----	2006	2007	2008	2009	2010	2011	Total
CONSTRUCTION							
MILCON	0	0	0	0	0	0	0
O&M							
1-Time Move	0	0	0	0	0	0	0
MIL PERSONNEL							
Mil Moving	0	0	85	0	0	109	193
OTHER							
Environmental	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0
TOTAL ONE-TIME	0	0	85	0	0	109	193

RECURRINGSAVES -----($K)-----	2006	2007	2008	2009	2010	2011	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
Sustainment	0	0	105	105	105	456	773	456
Recap	0	0	250	250	250	1,082	1,832	1,082
BOS	0	0	438	438	438	1,897	3,211	1,897
Civ Salary	0	0	0	0	0	1,230	1,230	2,460
MIL PERSONNEL								
Off Salary	0	0	0	0	0	375	375	750
Enl Salary	0	0	0	0	0	1,236	1,236	2,472
House Allow	0	0	264	264	264	820	1,614	820
OTHER								
Procurement	0	0	0	0	273	273	546	273
Mission Activ	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	5,900	5,900	5,900
TOTAL RECUR	0	0	1,057	1,057	1,330	13,271	16,717	16,112
TOTAL SAVINGS	0	0	1,142	1,057	1,330	13,380	16,910	16,112

TOTAL COBRA REALIGNMENT DETAIL REPORT (COBRA v6.10) - Page 3/9
Data As Of 4/27/2005 10:00:49 AM, Report Created 4/27/2005 10:01:54 AM

Department :
Scenario File : Z:\COBRA Database\TECH-0018\TECH_0018E Final 6.10\J - TECH-0018E COBRA Input File with Footnotes (6.10) 04272005.CBR
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\Administrator\Desktop\COBRA 6.10\BRAC2005.SFF

ONE-TIME NET -----($K)-----	2006	2007	2008	2009	2010	2011	Total
CONSTRUCTION							
MILCON	4,733	19,398	0	0	33,192	0	57,323
O&M							
Civ Retir/RIF	0	0	0	0	0	691	691
Civ Moving	0	0	33	0	0	1,923	1,957
Info Tech	0	0	9	0	0	99	108
Other	530	397	342	224	168	1,202	2,863
MIL PERSONNEL							
Mil Moving	0	0	10	0	0	192	202
OTHER							
HAP / RSE	0	0	59	0	0	310	369
Environmental	0	0	140	0	0	0	140
Misn Contract	0	0	0	0	0	0	0
1-Time Other	0	0	12,220	0	1,380	8,994	22,594
TOTAL ONE-TIME	5,263	19,796	12,814	224	34,740	13,412	86,108

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	321	215	215	764	413	1,929	413
Recap	0	170	-79	-79	212	-621	-398	-621
BOS	0	0	-319	-319	-319	-1,576	-2,533	-1,576
Civ Salary	0	0	0	0	0	-1,230	-1,230	-2,460
TRICARE	0	0	116	116	116	259	608	259
MIL PERSONNEL								
Mil Salary	0	0	0	0	0	-1,611	-1,611	-3,222
House Allow	0	0	-41	-41	-41	-319	-442	-319
OTHER								
Procurement	0	0	0	0	-273	-273	-546	-273
Mission Activ	0	0	0	0	0	42	42	42
Misc Recur	0	0	0	0	260	-5,640	-5,380	-5,640
TOTAL RECUR	0	491	-108	-108	719	-10,556	-9,562	-13,397
TOTAL NET COST	5,263	20,287	12,706	116	35,459	2,856	76,687	-13,397

COBRA REALIGNMENT DETAIL REPORT (COBRA v6.10) - Page 4/9
Data As Of 4/27/2005 10:00:49 AM, Report Created 4/27/2005 10:01:54 AM

Department :
Scenario File : Z:\COBRA Database\TECH-0018\TECH_0018E Final 6.10\J - TECH-0018E COBRA Input File with Footnotes (6.10) 04272005.CBR
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\Administrator\Desktop\COBRA 6.10\BRAC2005.SFF

Base: Patrick AFB, FL (SXHT)

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	631	631
Civ Retire	0	0	0	0	0	60	60
CIV MOVING							
Per Diem	0	0	0	0	0	58	58
POV Miles	0	0	0	0	0	1	1
Home Purch	0	0	0	0	0	300	300
HHG	0	0	0	0	0	45	45
Misc	0	0	0	0	0	22	22
House Hunt	0	0	0	0	0	37	37
PPP	0	0	0	0	0	284	284
RITA	0	0	0	0	0	117	117
FREIGHT							
Packing	0	0	3	0	0	5	8
Freight	0	0	31	0	0	1,055	1,086
Vehicles	0	0	0	0	0	0	0
Unemployment	0	0	0	0	0	49	49
OTHER							
Info Tech	0	0	9	0	0	15	24
Prog Manage	530	397	298	224	168	126	1,743
Supt Contrac	0	0	0	0	0	880	880
Mothball	0	0	44	0	0	147	191
1-Time Move	0	0	0	0	0	0	0
MIL PERSONNEL							
MIL MOVING							
Per Diem	0	0	2	0	0	3	5
POV Miles	0	0	2	0	0	2	4
HHG	0	0	46	0	0	57	103
Misc	0	0	45	0	0	55	100
OTHER							
Elim PCS	0	0	0	0	0	183	183
OTHER							
HAP / RSE	0	0	59	0	0	310	369
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	1,060	1,060
TOTAL ONE-TIME	530	397	539	224	168	5,503	7,360

COBRA REALIGNMENT DETAIL REPORT (COBRA v6.10) - Page 5/9
Data As Of 4/27/2005 10:00:49 AM, Report Created 4/27/2005 10:01:54 AM

Department :
Scenario File : Z:\COBRA Database\TECH-0018\TECH_0018E Final 6.10\J - TECH-0018E COBRA Input File with Footnotes (6.10) 04272005.CBR
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\Administrator\Desktop\COBRA 6.10\BRAC2005.SFF

Base: Patrick AFB, FL (SXHT)

RECURRINGCOSTS -----($K)-----	2006	2007	2008	2009	2010	2011	Total	Beyond
O&M								
Sustainment	0	0	0	0	0	0	0	0
Recap	0	0	0	0	0	0	0	0
BOS	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	42	42	42
Misc Recur	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	0	0	0	42	42	42
TOTAL COSTS	530	397	539	224	168	5,545	7,402	42

ONE-TIME SAVES -----($K)-----	2006	2007	2008	2009	2010	2011	Total
CONSTRUCTION							
MILCON	0	0	0	0	0	0	0
O&M							
1-Time Move	0	0	0	0	0	0	0
MIL PERSONNEL							
Mil Moving	0	0	85	0	0	109	193
OTHER							
Environmental	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0
TOTAL ONE-TIME	0	0	85	0	0	109	193

RECURRINGSAVES -----($K)-----	2006	2007	2008	2009	2010	2011	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
Sustainment	0	0	105	105	105	456	773	456
Recap	0	0	250	250	250	1,082	1,832	1,082
BOS	0	0	438	438	438	1,897	3,211	1,897
Civ Salary	0	0	0	0	0	1,230	1,230	2,460
MIL PERSONNEL								
Off Salary	0	0	0	0	0	375	375	750
Enl Salary	0	0	0	0	0	1,236	1,236	2,472
House Allow	0	0	264	264	264	820	1,614	820
OTHER								
Procurement	0	0	0	0	273	273	546	273
Mission Activ	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	1,900	1,900	1,900
TOTAL RECUR	0	0	1,057	1,057	1,330	9,271	12,717	12,112
TOTAL SAVINGS	0	0	1,142	1,057	1,330	9,380	12,910	12,112

COBRA REALIGNMENT DETAIL REPORT (COBRA v6.10) - Page 6/9
Data As Of 4/27/2005 10:00:49 AM, Report Created 4/27/2005 10:01:54 AM

Department :
Scenario File : Z:\COBRA Database\TECH-0018\TECH_0018E Final 6.10\J - TECH-0018E COBRA Input File with Footnotes (6.10) 04272005.CBR
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\Administrator\Desktop\COBRA 6.10\BRAC2005.SFF

Base: Patrick AFB, FL (SXHT)

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	0	0	0	691	691
Civ Moving	0	0	33	0	0	1,923	1,957
Info Tech	0	0	9	0	0	15	24
Other	530	397	342	224	168	1,202	2,863
MIL PERSONNEL							
Mil Moving	0	0	10	0	0	192	202
OTHER							
HAP / RSE	0	0	59	0	0	310	369
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	1,060	1,060
TOTAL ONE-TIME	530	397	454	224	168	5,394	7,167

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	-105	-105	-105	-456	-773	-456
Recap	0	0	-250	-250	-250	-1,082	-1,832	-1,082
BOS	0	0	-438	-438	-438	-1,897	-3,211	-1,897
Civ Salary	0	0	0	0	0	-1,230	-1,230	-2,460
TRICARE	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Salary	0	0	0	0	0	-1,611	-1,611	-3,222
House Allow	0	0	-264	-264	-264	-820	-1,614	-820
OTHER								
Procurement	0	0	0	0	-273	-273	-546	-273
Mission Activ	0	0	0	0	0	42	42	42
Misc Recur	0	0	0	0	0	-1,900	-1,900	-1,900
TOTAL RECUR	0	0	-1,057	-1,057	-1,330	-9,229	-12,675	-12,070
TOTAL NET COST	530	397	-604	-834	-1,163	-3,835	-5,508	-12,070

COBRA REALIGNMENT DETAIL REPORT (COBRA v6.10) - Page 7/9
Data As Of 4/27/2005 10:00:49 AM, Report Created 4/27/2005 10:01:54 AM

Department :
Scenario File : Z:\COBRA Database\TECH-0018\TECH_0018E Final 6.10\J - TECH-0018E COBRA Input File with Footnotes (6.10) 04272005.CBR
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\Administrator\Desktop\COBRA 6.10\BRAC2005.SFF

Base: SUBASE KINGSBAY, GA (N42237)

ONE-TIME COSTS -----($K)-----	2006	2007	2008	2009	2010	2011	Total
CONSTRUCTION							
MILCON	4,733	19,398	0	0	33,192	0	57,323
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	84	84
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	140	0	0	0	140
Misn Contract	0	0	0	0	0	0	0
1-Time Other	0	0	12,220	0	1,380	7,934	21,534
TOTAL ONE-TIME	4,733	19,398	12,360	0	34,572	8,018	79,081

COBRA REALIGNMENT DETAIL REPORT (COBRA v6.10) - Page 8/9
Data As Of 4/27/2005 10:00:49 AM, Report Created 4/27/2005 10:01:54 AM

Department :
Scenario File : Z:\COBRA Database\TECH-0018\TECH_0018E Final 6.10\J - TECH-0018E COBRA Input File with Footnotes (6.10) 04272005.CBR
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\Administrator\Desktop\COBRA 6.10\BRAC2005.SFF

Base: SUBASE KINGSBAY, GA (N42237)

RECURRINGCOSTS -----($K)-----	2006	2007	2008	2009	2010	2011	Total	Beyond
O&M								
Sustainment	0	321	321	321	870	870	2,702	870
Recap	0	170	170	170	461	461	1,434	461
BOS	0	0	119	119	119	322	678	322
Civ Salary	0	0	0	0	0	0	0	0
TRICARE	0	0	116	116	116	259	608	259
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	223	223	223	501	1,172	501
OTHER								
Mission Activ	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	260	260	520	260
TOTAL RECUR	0	491	950	950	2,050	2,673	7,113	2,673
TOTAL COSTS	4,733	19,889	13,310	950	36,622	10,691	86,194	2,673

ONE-TIME SAVES -----($K)-----	2006	2007	2008	2009	2010	2011	Total
CONSTRUCTION							
MILCON	0	0	0	0	0	0	0
O&M							
1-Time Move	0	0	0	0	0	0	0
MIL PERSONNEL							
Mil Moving	0	0	0	0	0	0	0
OTHER							
Environmental	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0
TOTAL ONE-TIME	0	0	0	0	0	0	0

RECURRINGSAVES -----($K)-----	2006	2007	2008	2009	2010	2011	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
Sustainment	0	0	0	0	0	0	0	0
Recap	0	0	0	0	0	0	0	0
BOS	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	4,000	4,000	4,000
TOTAL RECUR	0	0	0	0	0	4,000	4,000	4,000
TOTAL SAVINGS	0	0	0	0	0	4,000	4,000	4,000

COBRA REALIGNMENT DETAIL REPORT (COBRA v6.10) - Page 9/9
Data As Of 4/27/2005 10:00:49 AM, Report Created 4/27/2005 10:01:54 AM

Department :
Scenario File : Z:\COBRA Database\TECH-0018\TECH_0018E Final 6.10\J - TECH-0018E COBRA Input File with Footnotes (6.10) 04272005.CBR
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\Administrator\Desktop\COBRA 6.10\BRAC2005.SFF

Base: SUBASE KINGSBAY, GA (N42237)

ONE-TIME NET -----($K)-----	2006	2007	2008	2009	2010	2011	Total
CONSTRUCTION							
MILCON	4,733	19,398	0	0	33,192	0	57,323
O&M							
Civ Retir/RIF	0	0	0	0	0	0	0
Civ Moving	0	0	0	0	0	0	0
Info Tech	0	0	0	0	0	84	84
Other	0	0	0	0	0	0	0
MIL PERSONNEL							
Mil Moving	0	0	0	0	0	0	0
OTHER							
HAP / RSE	0	0	0	0	0	0	0
Environmental	0	0	140	0	0	0	140
Misn Contract	0	0	0	0	0	0	0
1-Time Other	0	0	12,220	0	1,380	7,934	21,534
TOTAL ONE-TIME	4,733	19,398	12,360	0	34,572	8,018	79,081

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	321	321	321	870	870	2,702	870
Recap	0	170	170	170	461	461	1,434	461
BOS	0	0	119	119	119	322	678	322
Civ Salary	0	0	0	0	0	0	0	0
TRICARE	0	0	116	116	116	259	608	259
MIL PERSONNEL								
Mil Salary	0	0	0	0	0	0	0	0
House Allow	0	0	223	223	223	501	1,172	501
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	260	-3,740	-3,480	-3,740
TOTAL RECUR	0	491	950	950	2,050	-1,327	3,113	-1,327
TOTAL NET COST	4,733	19,889	13,310	950	36,622	6,691	82,194	-1,327

TOTAL COBRA MILITARY CONSTRUCTION ASSETS REPORT (COBRA v6.10)
Data As Of 4/27/2005 10:00:49 AM, Report Created 4/27/2005 10:01:54 AM

Department :
Scenario File : Z:\COBRA Database\TECH-0018\TECH_0018E Final 6.10\J - TECH-0018E COBRA Input File with Footnotes (6.10) 04272005.CBR
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\Administrator\Desktop\COBRA 6.10\BRAC2005.SFF

All values in 2005 Constant Dollars

Base Name	Total MilCon*	Milcon Cost Avoidence	Total Net Costs
Patrick AFB	0	0	0
SUBASE KINGSBAY	57,323,372	0	57,323,372
Totals:	57,323,372	0	57,323,372

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

COBRA MILITARY CONSTRUCTION ASSETS REPORT (COBRA v6.10) - Page 2
Data As Of 4/27/2005 10:00:49 AM, Report Created 4/27/2005 10:01:54 AM

Department :
Scenario File : Z:\COBRA Database\TECH-0018\TECH_0018E Final 6.10\J - TECH-0018E COBRA Input File with Footnotes (6.10) 04272005.CBR
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\Administrator\Desktop\COBRA 6.10\BRAC2005.SFF

MilCon for Base: SUBASE KINGSBAY, GA (N42237)

All values in 2005 Constant Dollars ($K)

FAC	Title	UM	New MilCon	New Cost*	Using Rehab	Rehab Type	Rehab Cost*	Total Cost*
1721	Flight Simulator Facility	SF	17,000	3,784	0	Default	0	3,784
2123	Missile/Launcher Maintenance Support Faci	SF	10,000	2,023	0	Default	0	2,023
2126	Intercontinental Ballistic Missile Proces	SF	25,000	11,828	0	Default	0	11,828
3121	Missile and Space RDT&E Facility	SF	30,000	10,810	0	Default	0	10,810
3191	Miscellaneous Item and Equipment RDT&E Fa	SF	35,000	6,236	0	Default	0	6,236
4421	Covered Storage Building, Installation	SF	35,000	3,222	0	Default	0	3,222
4423	Hazardous Materials Storage, Installation	SF	2,400	356	0	Default	0	356
6100	General Administrative Building	SF	60,000	10,049	0	Default	0	10,049
8521	Vehicle Parking, Surfaced	SY	21,000	1,156	0	Default	0	1,156
8122	Exterior Lighting Lines	LF	11,000	146	0	Default	0	146
8511	Road, Surfaced	SY	14,000	374	0	Default	0	374
8522	Vehicle Parking, Unsurfaced	SY	90,000	730	0	Default	0	730
8321	Sewer and Industrial Waste Line	LF	11,000	680	0	Default	0	680
8421	Water Distribution Line, Potable	LF	6,000	281	0	Default	0	281
8121	Electrical Power Distribution Line	LF	15,000	574	0	Default	0	574
8121	Electrical Power Distribution Line	LF	600	23	0	Default	0	23
8131	Electrical Power Substation and Switching	KV	60,000	4,772	0	Default	0	4,772
8121	Electrical Power Distribution Line	LF	600	n/a**	0	Default	n/a**	280

Total Construction Cost:	57,323
- Construction Cost Avoid:	0
Total Net Milcon Cost:	57,323

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

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

Total square footage at Kings Bay, 14,400 square feet

Why 60,000 square feet admin building for 122 realignment.

122 X 160 = 19,520

122 X 200 = 24,400

Building seems to be at least double what it needs to be

122
312
434 X150 = 69,400

122
292
414 X160 = 66,240

COBRA NET PRESENT VALUES REPORT (COBRA v6.10)
Data As Of 4/27/2005 10:00:49 AM, Report Created 4/27/2005 10:01:54 AM

Department :
Scenario File : Z:\COBRA Database\TECH-0018\TECH_0018E Final 6.10\J - TECH-0018E COBRA Input File with Footnotes (6.10) 04272005.CBR
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\Administrator\Desktop\COBRA 6.10\BRAC2005.SFF

Year	Cost($)	Adjusted Cost($)	NPV($)
2006	5,263,200	5,191,028	5,191,028
2007	20,286,628	19,463,467	24,654,494
2008	12,706,014	11,858,412	36,512,907
2009	115,766	105,100	36,618,007
2010	35,459,267	31,315,600	67,933,608
2011	2,855,774	2,453,362	70,386,970
2012	-13,397,475	-11,196,125	59,190,845
2013	-13,397,475	-10,891,172	48,299,673
2014	-13,397,475	-10,594,525	37,705,148
2015	-13,397,475	-10,305,958	27,399,190
2016	-13,397,475	-10,025,251	17,373,938
2017	-13,397,475	-9,752,190	7,621,748
2018	-13,397,475	-9,486,566	-1,864,818
2019	-13,397,475	-9,228,177	-11,092,995
2020	-13,397,475	-8,976,826	-20,069,821
2021	-13,397,475	-8,732,321	-28,802,142
2022	-13,397,475	-8,494,476	-37,296,618
2023	-13,397,475	-8,263,109	-45,559,727
2024	-13,397,475	-8,038,043	-53,597,770
2025	-13,397,475	-7,819,108	-61,416,879

COBRA SUSTAINMENT/RECAP/BOS/HOUSING CHANGE REPORT (COBRA v6.10)
Data As Of 4/27/2005 10:00:49 AM, Report Created 4/27/2005 10:01:54 AM

Department :
Scenario File : Z:\COBRA Database\TECH-0018\TECH_0018E Final 6.10\J - TECH-0018E COBRA Input File with Footnotes (6.10) 04272005.CBR
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\Administrator\Desktop\COBRA 6.10\BRAC2005.SFF

Net Change($K)	2006	2007	2008	2009	2010	2011	Total	Beyond
Sustain Change	0	321	215	215	764	413	1,929	413
Recap Change	0	170	-79	-79	212	-621	-398	-621
BOS Change	0	0	-319	-319	-319	-1,576	-2,533	-1,576
Housing Change	0	0	0	0	0	0	0	0
TOTAL CHANGES	0	491	-183	-183	657	-1,784	-1,002	-1,784

Patrick AFB, FL (SXHT)

Net Change($K)	2006	2007	2008	2009	2010	2011	Total	Beyond
Sustain Change	0	0	-105	-105	-105	-456	-773	-456
Recap Change	0	0	-250	-250	-250	-1,082	-1,832	-1,082
BOS Change	0	0	-438	-438	-438	-1,897	-3,211	-1,897
Housing Change	0	0	0	0	0	0	0	0
TOTAL CHANGES	0	0	-793	-793	-793	-3,437	-5,816	-3,437

SUBASE KINGSBAY, GA (N42237)

Net Change($K)	2006	2007	2008	2009	2010	2011	Total	Beyond
Sustain Change	0	321	321	321	870	870	2,702	870
Recap Change	0	170	170	170	461	461	1,434	461
BOS Change	0	0	119	119	119	322	678	322
Housing Change	0	0	0	0	0	0	0	0
TOTAL CHANGES	0	491	610	610	1,450	1,653	4,813	1,653

TOTAL COBRA PERSONNEL IMPACT REPORT (COBRA v6.10) - Page 1/3
Data As Of 4/27/2005 10:00:49 AM, Report Created 4/27/2005 10:01:54 AM

Department :
Scenario File : Z:\COBRA Database\TECH-0018\TECH_0018E Final 6.10\J - TECH-0018E COBRA Input File with Footnotes (6.10) 04272005.CBR
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\Administrator\Desktop\COBRA 6.10\BRAC2005.SFF

	Rate	2006	2007	2008	2009	2010	2011	Total
CIVILIAN POSITIONS REALIGNING OUT		0	0	0	0	0	22	22
Early Retirement*	8.10%	0	0	0	0	0	2	2
Regular Retirement*	1.67%	0	0	0	0	0	0	0
Civilian Turnover*	9.16%	0	0	0	0	0	2	2
Civs Not Moving (RIFs)*	6.00%	0	0	0	0	0	1	1
Civilians Moving (the remainder)		0	0	0	0	0	17	17
Civilian Positions Available		0	0	0	0	0	5	5
CIVILIAN POSITIONS ELIMINATED		0	0	0	0	0	37	37
Early Retirement	8.10%	0	0	0	0	0	3	3
Regular Retirement	1.67%	0	0	0	0	0	1	1
Civilian Turnover	9.16%	0	0	0	0	0	3	3
Civs Not Moving (RIFs)*	6.00%	0	0	0	0	0	2	2
Priority Placement#	39.97%	0	0	0	0	0	15	15
Civilians Available to Move		0	0	0	0	0	13	13
Civilians Moving		0	0	0	0	0	5	5
Civilian RIFs (the remainder)		0	0	0	0	0	8	8
CIVILIAN POSITIONS REALIGNING IN		0	0	0	0	0	22	22
Civilians Moving		0	0	0	0	0	22	22
New Civilians Hired		0	0	0	0	0	0	0
Other Civilian Additions		0	0	0	0	0	0	0
TOTAL CIVILIAN EARLY RETIREMENTS		0	0	0	0	0	5	5
TOTAL CIVILIAN RIFS		0	0	0	0	0	11	11
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	0	0	0	0	15	15
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%

COBRA PERSONNEL IMPACT REPORT (COBRA v6.10) - Page 2/3
Data As Of 4/27/2005 10:00:49 AM, Report Created 4/27/2005 10:01:54 AM

Department :
Scenario File : Z:\COBRA Database\TECH-0018\TECH_0018E Final 6.10\J - TECH-0018E COBRA Input File with Footnotes (6.10) 04272005.CBR
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\Administrator\Desktop\COBRA 6.10\BRAC2005.SFF

Base: Patrick AFB, FL (SXHT)	Rate	2006	2007	2008	2009	2010	2011	Total
CIVILIAN POSITIONS REALIGNING OUT		0	0	0	0	0	22	22
Early Retirement*	8.10%	0	0	0	0	0	2	2
Regular Retirement*	1.67%	0	0	0	0	0	0	0
Civilian Turnover*	9.16%	0	0	0	0	0	2	2
Civs Not Moving (RIFs)*	6.00%	0	0	0	0	0	1	1
Civilians Moving (the remainder)		0	0	0	0	0	17	17
Civilian Positions Available		0	0	0	0	0	5	5
CIVILIAN POSITIONS ELIMINATED		0	0	0	0	0	37	37
Early Retirement	8.10%	0	0	0	0	0	3	3
Regular Retirement	1.67%	0	0	0	0	0	1	1
Civilian Turnover	9.16%	0	0	0	0	0	3	3
Civs Not Moving (RIFs)*	6.00%	0	0	0	0	0	2	2
Priority Placement#	39.97%	0	0	0	0	0	15	15
Civilians Available to Move		0	0	0	0	0	13	13
Civilians Moving		0	0	0	0	0	5	5
Civilian RIFs (the remainder)		0	0	0	0	0	8	8
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	0	0	5	5
TOTAL CIVILIAN RIFS		0	0	0	0	0	11	11
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	0	0	0	0	15	15
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%

COBRA PERSONNEL IMPACT REPORT (COBRA v6.10) - Page 3/3
Data As Of 4/27/2005 10:00:49 AM, Report Created 4/27/2005 10:01:54 AM

Department :
Scenario File : Z:\COBRA Database\TECH-0018\TECH_0018E Final 6.10\J - TECH-0018E COBRA Input File with Footnotes (6.10) 04272005.CBR
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\Administrator\Desktop\COBRA 6.10\BRAC2005.SFF

Base: SUBASE KINGSBAY, GA (N42237)	Rate	2006	2007	2008	2009	2010	2011	Total
CIVILIAN POSITIONS REALIGNING OUT		0	0	0	0	0	0	0
Early Retirement*	8.10%	0	0	0	0	0	0	0
Regular Retirement*	1.67%	0	0	0	0	0	0	0
Civilian Turnover*	9.16%	0	0	0	0	0	0	0
Civs Not Moving (RIFs)*	6.00%	0	0	0	0	0	0	0
Civilians Moving (the remainder)		0	0	0	0	0	0	0
Civilian Positions Available		0	0	0	0	0	0	0
CIVILIAN POSITIONS ELIMINATED		0	0	0	0	0	0	0
Early Retirement	8.10%	0	0	0	0	0	0	0
Regular Retirement	1.67%	0	0	0	0	0	0	0
Civilian Turnover	9.16%	0	0	0	0	0	0	0
Civs Not Moving (RIFs)*	6.00%	0	0	0	0	0	0	0
Priority Placement#	39.97%	0	0	0	0	0	0	0
Civilians Available to Move		0	0	0	0	0	0	0
Civilians Moving		0	0	0	0	0	0	0
Civilian RIFs (the remainder)		0	0	0	0	0	0	0
CIVILIAN POSITIONS REALIGNING IN		0	0	0	0	0	22	22
Civilians Moving		0	0	0	0	0	22	22
New Civilians Hired		0	0	0	0	0	0	0
Other Civilian Additions		0	0	0	0	0	0	0
TOTAL CIVILIAN EARLY RETIRMENTS		0	0	0	0	0	0	0
TOTAL CIVILIAN RIFS		0	0	0	0	0	0	0
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	0	0	0	0	0	0
TOTAL CIVILIAN NEW HIRES		0	0	0	0	0	0	0

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

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

COBRA PERSONNEL YEARLY PERCENTAGES REPORT (COBRA v6.10)
Data As Of 4/27/2005 10:00:49 AM, Report Created 4/27/2005 10:01:54 AM

Department :
Scenario File : Z:\COBRA Database\TECH-0018\TECH_0018E Final 6.10\J - TECH-0018E COBRA Input File with Footnotes (6.10) 04272005.CBR
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\Administrator\Desktop\COBRA 6.10\BRAC2005.SFF

Base: Patrick AFB, FL (SXHT)

Year	Pers Moved In/Added Total	Pers Moved In/Added Percent	MilCon TimePhase	Pers Moved Out/Eliminated Total	Pers Moved 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%	45	23.08%	23.08%
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%	150	76.92%	76.92%
TOTALS	0	0.00%	100.00%	195	100.00%	100.00%

Base: SUBASE KINGSBAY, GA (N42237)

Year	Pers Moved In/Added Total	Pers Moved In/Added Percent	MilCon TimePhase	Pers Moved Out/Eliminated Total	Pers Moved Out/Eliminated Percent	ShutDn TimePhase
2006	0	0.00%	0.00%	0	0.00%	16.67%
2007	0	0.00%	36.89%	0	0.00%	16.67%
2008	45	36.89%	0.00%	0	0.00%	16.67%
2009	0	0.00%	0.00%	0	0.00%	16.67%
2010	0	0.00%	63.11%	0	0.00%	16.67%
2011	77	63.11%	0.00%	0	0.00%	16.67%
TOTALS	122	100.00%	100.00%	0	0.00%	100.00%

DCN:11673

TECH-12 Commission revision

COBRA REALIGNMENT SUMMARY REPORT (COBRA v6.10) - Page 1/2
Data As Of 8/5/2005 9:53:11 AM, Report Created 8/5/2005 9:53:13 AM

Department :
Scenario File : C:\Documents and Settings\gingrick\My Documents\182B - Navy Strategic Test & Eval\182B - TECH-0018E COBRA
Option Pkg Name: 182B - Navt Strat Test & Eval
Std Fctrs File : C:\Documents and Settings\gingrick\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

Starting Year : 2006
Final Year : 2011
Payback Year : 2021 (10 Years)

NPV in 2025($K): -26,880
1-Time Cost($K): 86,218

Net Costs in 2005 Constant Dollars ($K)

	2006	2007	2008	2009	2010	2011	Total	Beyond
MilCon	4,733	14,343	0	0	38,247	0	57,323	0
Person	0	0	-41	-41	-41	-1,066	-1,189	-2,705
Overhd	530	761	31	-88	1,084	-6,157	-3,838	-7,310
Moving	0	0	53	0	0	2,288	2,341	0
Missio	0	0	0	0	0	42	42	42
Other	0	0	12,535	116	1,223	9,329	23,204	24
TOTAL	5,263	15,103	12,578	-12	40,514	4,435	77,882	-9,949

	2006	2007	2008	2009	2010	2011	Total
POSITIONS ELIMINATED							
Off	0	0	0	0	0	3	3
Enl	0	0	0	0	0	18	18
Civ	0	0	0	0	0	9	9
TOT	0	0	0	0	0	30	30
POSITIONS REALIGNED							
Off	0	0	5	0	0	11	16
Enl	0	0	40	0	0	59	99
Stu	0	0	0	0	0	0	0
Civ	0	0	0	0	0	50	50
TOT	0	0	45	0	0	120	165

115

Summary:

This is a modified scenario that reduces military and civilians based on efficiencies gained through consolidation.

Applied standard TJCSG 15% factor rather than 3.7% → this is not a consolidation of like or similar missions

Source Data
1. •TECH-0018,Part5 Response from DON, 15 Feb 2005.xls
2. •TJCSG approved assumptions were not applied as directed by TJCSG, Navy Submit includes Navy Assumptions.

NPV results of 6.08 are $4081K greater than those of 6.07.

Data Standards

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* reassigned personnel + 150 • research FTEs being reassigned. If this figure exceeds the space being constructed, renovated or available at the receiving base by 50,000 square

DCN:11673

COBRA REALIGNMENT SUMMARY REPORT (COBRA v6.10) - Page 2/2
Data As Of 8/5/2005 9:53:11 AM, Report Created 8/5/2005 9:53:13 AM

Department :
Scenario File : C:\Documents and Settings\gingrick\My Documents\182B - Navy Strategic Test & Eval\182B - TECH-0018E COBRA
Option Pkg Name: 182B - Navt Strat Test & Eval
Std Fctrs File : C:\Documents and Settings\gingrick\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

Costs in 2005 Constant Dollars ($K)

	2006	2007	2008	2009	2010	2011	Total	Beyond
MilCon	4,733	14,343	0	0	38,247	0	57,323	0
Person	0	0	223	223	223	982	1,653	572
Overhd	530	761	824	705	1,878	3,179	7,877	2,026
Moving	0	0	137	0	0	2,428	2,566	0
Missio	0	0	0	0	0	42	42	42
Other	0	0	12,535	116	1,496	9,602	23,750	297
TOTAL	5,263	15,103	13,720	1,045	41,845	16,234	93,212	2,937

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	264	264	264	2,049	2,842	3,277
Overhd	0	0	793	793	793	9,337	11,716	9,337
Moving	0	0	85	0	0	140	225	0
Missio	0	0	0	0	0	0	0	0
Other	0	0	0	0	273	273	546	273
TOTAL	0	0	1,142	1,057	1,330	11,799	15,329	12,887

DCN:11673

TECH-12

Commission Review of Cudahy Mill

COBRA REALIGNMENT SUMMARY REPORT (COBRA v6.10) - Page 1/2
Data As Of 8/5/2005 9:38:05 AM, Report Created 8/5/2005 9:38:07 AM

Department :
Scenario File : C:\Documents and Settings\gingrick\My Documents\182A - Navy Strategic Test & Eval\182A - TECH-0018E COBRA
Option Pkg Name: 182A - Navy Strategic Test & Eval
Std Fctrs File : C:\Documents and Settings\gingrick\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

Starting Year : 2006
Final Year : 2011
Payback Year : 2025 (14 Years)

NPV in 2025($K): -892
1-Time Cost($K): 86,211

Net Costs in 2005 Constant Dollars ($K)

	2006	2007	2008	2009	2010	2011	Total	Beyond
MilCon	4,733	12,262	0	0	40,328	0	57,323	0
Person	0	0	-41	-41	-41	34	-89	-278
Overhd	530	708	-22	-140	1,084	-6,083	-3,923	-7,236
Moving	0	0	53	0	0	2,405	2,457	0
Missio	0	0	0	0	0	42	42	42
Other	0	0	12,535	116	1,223	9,383	23,258	79
TOTAL	5,263	12,970	12,525	-65	42,595	5,780	79,069	-7,394

	2006	2007	2008	2009	2010	2011	Total
POSITIONS ELIMINATED							
Off	0	0	0	0	0	0	0
Enl	0	0	0	0	0	0	0
Civ	0	0	0	0	0	2	2
TOT	0	0	0	0	0	2	2
POSITIONS REALIGNED							
Off	0	0	5	0	0	14	19
Enl	0	0	40	0	0	77	117
Stu	0	0	0	0	0	0	0
Civ	0	0	0	0	0	57	57
TOT	0	0	45	0	0	148	193

Summary:

This is a modified scenario that realigns all personnel to Kings Bay with the exception of two civilian personnel.

Source Data
1.•TECH-0018,Part5 Response from DON, 15 Feb 2005.xls
2.•TJCSG approved assumptions were not applied as directed by TJCSG, Navy Submit includes Navy Assumptions.

NPV results of 6.08 are $4081K greater than those of 6.07.

Data Standards

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* reassigned personnel + 150 * 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

DCN:11673

COBRA REALIGNMENT SUMMARY REPORT (COBRA v6.10) - Page 2/2
Data As Of 8/5/2005 9:38:05 AM, Report Created 8/5/2005 9:38:07 AM

Department :
Scenario File : C:\Documents and Settings\gingrick\My Documents\182A - Navy Strategic Test & Eval\182A - TECH-0018E COBRA
Option Pkg Name: 182A - Navy Strategic Test & Eval
Std Fctrs File : C:\Documents and Settings\gingrick\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

Costs in 2005 Constant Dollars ($K)

	2006	2007	2008	2009	2010	2011	Total	Beyond
MilCon	4,733	12,262	0	0	40,328	0	57,323	0
Person	0	0	223	223	223	921	1,591	675
Overhd	530	708	771	653	1,878	3,253	7,793	2,100
Moving	0	0	137	0	0	2,586	2,724	0
Missio	0	0	0	0	0	42	42	42
Other	0	0	12,535	116	1,496	9,656	23,804	352
TOTAL	5,263	12,970	13,668	993	43,926	16,459	93,278	3,169

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	264	264	264	887	1,680	953
Overhd	0	0	793	793	793	9,337	11,716	9,337
Moving	0	0	85	0	0	182	266	0
Missio	0	0	0	0	0	0	0	0
Other	0	0	0	0	273	273	546	273
TOTAL	0	0	1,142	1,057	1,330	10,678	14,209	10,563

DCN:11673

Community Revisions

COBRA REALIGNMENT SUMMARY REPORT (COBRA v6.10) - Page 1/2
Data As Of 7/1/2005 2:57:32 PM, Report Created 8/9/2005 12:42:12 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 1 - updated Milcon\Alt 1 - Patrick AFI
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

Starting Year : 2006
Final Year : 2011
Payback Year : 2020 (9 Years)

NPV in 2025($K): -41,495
1-Time Cost($K): 103,190

Net Costs in 2005 Constant Dollars ($K)

	2006	2007	2008	2009	2010	2011	Total	Beyond
MilCon	6,116	25,066	0	0	42,890	0	74,072	0
Person	0	0	-41	-41	-41	-2,237	-2,360	-6,001
Overhd	530	1,022	292	173	1,446	-5,909	-2,446	-7,062
Moving	0	0	53	0	0	2,031	2,084	0
Missio	0	0	0	0	0	42	42	42
Other	0	0	12,535	116	1,223	9,290	23,165	-14
TOTAL	6,646	26,087	12,839	249	45,518	3,217	94,557	-13,036

	2006	2007	2008	2009	2010	2011	Total
POSITIONS ELIMINATED							
Off	0	0	0	0	0	6	6
Enl	0	0	0	0	0	30	30
Civ	0	0	0	0	0	37	37
TOT	0	0	0	0	0	73	73
POSITIONS REALIGNED							
Off	0	0	5	0	0	8	13
Enl	0	0	40	0	0	47	87
Stu	0	0	0	0	0	0	0
Civ	0	0	0	0	0	22	22
TOT	0	0	45	0	0	77	122

Summary:

Source Data
1. TECH-0018,Part5 Response from DON, 15 Feb 2005.xls
2. TJCSG approved assumptions were not applied as directed by TJCSG, Navy Submit includes Navy Assumptions.

NPV results of 6.08 are $4081K greater than those of 6.07.

Data Standards

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* reassigned personnel + 150 * 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

DCN:11673

COBRA REALIGNMENT SUMMARY REPORT (COBRA v6.10) - Page 2/2
Data As Of 7/1/2005 2:57:32 PM, Report Created 8/9/2005 12:42:12 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 1 - updated Milcon\Alt 1 - Patrick AFI
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

Costs in 2005 Constant Dollars ($K)

	2006	2007	2008	2009	2010	2011	Total	Beyond
MilCon	6,116	25,066	0	0	42,890	0	74,072	0
Person	0	0	223	223	223	1,424	2,095	501
Overhd	530	1,022	1,085	966	2,239	3,427	9,270	2,274
Moving	0	0	137	0	0	2,140	2,278	0
Missio	0	0	0	0	0	42	42	42
Other	0	0	12,535	116	1,496	9,563	23,711	259
TOTAL	6,646	26,087	13,982	1,306	46,849	16,597	111,468	3,076

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	264	264	264	3,662	4,455	6,503
Overhd	0	0	793	793	793	9,337	11,716	9,337
Moving	0	0	85	0	0	109	193	0
Missio	0	0	0	0	0	0	0	0
Other	0	0	0	0	273	273	546	273
TOTAL	0	0	1,142	1,057	1,330	13,380	16,910	16,112

DCN:11673

TOTAL COBRA ONE-TIME COST REPORT (COBRA v6.10) - Page 1/3
Data As Of 7/1/2005 2:57:32 PM, Report Created 8/9/2005 12:42:12 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 1 - updated Milcon\Alt 1 - Patrick AFI
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

(All values in 2005 Constant Dollars)

Category	Cost	Sub-Total
Construction		
Military Construction	74,072,041	
Total - Construction		74,072,041
Personnel		
Civilian RIF	631,381	
Civilian Early Retirement	59,945	
Eliminated Military PCS	182,821	
Unemployment	48,961	
Total - Personnel		923,108
Overhead		
Program Management Cost	1,742,942	
Support Contract Termination	880,000	
Mothball / Shutdown	191,430	
Total - Overhead		2,814,372
Moving		
Civilian Moving	579,298	
Civilian PPP	283,968	
Military Moving	212,538	
Freight	1,093,471	
Information Technologies	108,400	
One-Time Moving Costs	0	
Total - Moving		2,277,675
Other		
HAP / RSE	369,401	
Environmental Mitigation Costs	140,000	
Mission Contract Startup and Termination	0	
One-Time Unique Costs	22,594,000	
Total - Other		23,103,401
Total One-Time Costs		103,190,597
One-Time Savings		
Military Construction Cost Avoidances	0	
Military Moving	193,503	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	
Total One-Time Savings		193,503
Total Net One-Time Costs		102,997,094

DCN:11673

COBRA ONE-TIME COST REPORT (COBRA v6.10) - Page 2/3
Data As Of 7/1/2005 2:57:32 PM, Report Created 8/9/2005 12:42:12 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 1 - updated Milcon\Alt 1 - Patrick AFI
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

Base: Patrick AFB, FL (SXHT)
(All values in 2005 Constant Dollars)

Category	Cost	Sub-Total
Construction		
Military Construction	0	
Total - Construction		0
Personnel		
Civilian RIF	631,381	
Civilian Early Retirement	59,945	
Eliminated Military PCS	182,821	
Unemployment	48,961	
Total - Personnel		923,108
Overhead		
Program Management Cost	1,742,942	
Support Contract Termination	880,000	
Mothball / Shutdown	191,430	
Total - Overhead		2,814,372
Moving		
Civilian Moving	579,298	
Civilian PPP	283,968	
Military Moving	212,538	
Freight	1,093,471	
Information Technologies	24,400	
One-Time Moving Costs	0	
Total - Moving		2,193,675
Other		
HAP / RSE	369,401	
Environmental Mitigation Costs	0	
Mission Contract Startup and Termination	0	
One-Time Unique Costs	1,060,000	
Total - Other		1,429,401
Total One-Time Costs		7,360,556
One-Time Savings		
Military Construction Cost Avoidances	0	
Military Moving	193,503	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	
Total One-Time Savings		193,503
Total Net One-Time Costs		7,167,053

DCN:11673

COBRA ONE-TIME COST REPORT (COBRA v6.10) - Page 3/3
Data As Of 7/1/2005 2:57:32 PM, Report Created 8/9/2005 12:42:12 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 1 - updated Milcon\Alt 1 - Patrick AFI
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

Base: SUBASE KINGSBAY, GA (N42237)
(All values in 2005 Constant Dollars)

Category	Cost	Sub-Total
Construction		
Military Construction	74,072,041	
Total - Construction		74,072,041
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	84,000	
One-Time Moving Costs	0	
Total - Moving		84,000
Other		
HAP / RSE	0	
Environmental Mitigation Costs	140,000	
Mission Contract Startup and Termination	0	
One-Time Unique Costs	21,534,000	
Total - Other		21,674,000
Total One-Time Costs		95,830,041
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		95,830,041

DCN:11673

TOTAL COBRA REALIGNMENT DETAIL REPORT (COBRA v6.10) - Page 1/9
Data As Of 7/1/2005 2:57:32 PM, Report Created 8/9/2005 12:42:12 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 1 - updated Milcon\Alt 1 - Patrick AFI
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

ONE-TIME COSTS	2006	2007	2008	2009	2010	2011	Total
-----($K)-----	----	----	----	----	----	----	-----
CONSTRUCTION							
MILCON	6,116	25,066	0	0	42,890	0	74,072
O&M							
CIV SALARY							
Civ RIF	0	0	0	0	0	631	631
Civ Retire	0	0	0	0	0	60	60
CIV MOVING							
Per Diem	0	0	0	0	0	58	58
POV Miles	0	0	0	0	0	1	1
Home Purch	0	0	0	0	0	300	300
HHG	0	0	0	0	0	45	45
Misc	0	0	0	0	0	22	22
House Hunt	0	0	0	0	0	37	37
PPP	0	0	0	0	0	284	284
RITA	0	0	0	0	0	117	117
FREIGHT							
Packing	0	0	3	0	0	5	8
Freight	0	0	31	0	0	1,055	1,086
Vehicles	0	0	0	0	0	0	0
Unemployment	0	0	0	0	0	49	49
OTHER							
Info Tech	0	0	9	0	0	99	108
Prog Manage	530	397	298	224	168	126	1,743
Supt Contrac	0	0	0	0	0	880	880
Mothball	0	0	44	0	0	147	191
1-Time Move	0	0	0	0	0	0	0
MIL PERSONNEL							
MIL MOVING							
Per Diem	0	0	2	0	0	3	5
POV Miles	0	0	2	0	0	2	4
HHG	0	0	46	0	0	57	103
Misc	0	0	45	0	0	55	100
OTHER							
Elim PCS	0	0	0	0	0	183	183
OTHER							
HAP / RSE	0	0	59	0	0	310	369
Environmental	0	0	140	0	0	0	140
Misn Contract	0	0	0	0	0	0	0
1-Time Other	0	0	12,220	0	1,380	8,994	22,594
TOTAL ONE-TIME	6,646	25,463	12,899	224	44,438	13,521	103,190

DCN:11673

TOTAL COBRA REALIGNMENT DETAIL REPORT (COBRA v6.10) - Page 2/9
Data As Of 7/1/2005 2:57:32 PM, Report Created 8/9/2005 12:42:12 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 1 - updated Milcon\Alt 1 - Patrick AFI
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

RECURRINGCOSTS -----($K)-----	2006	2007	2008	2009	2010	2011	Total	Beyond
O&M								
Sustainment	0	404	404	404	1,096	1,096	3,405	1,096
Recap	0	220	220	220	596	596	1,852	596
BOS	0	0	119	119	119	322	678	322
Civ Salary	0	0	0	0	0	0	0	0
TRICARE	0	0	116	116	116	259	608	259
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	223	223	223	501	1,172	501
OTHER								
Mission Activ	0	0	0	0	0	42	42	42
Misc Recur	0	0	0	0	260	260	520	260
TOTAL RECUR	0	624	1,083	1,083	2,411	3,076	8,277	3,076
TOTAL COST	6,646	26,087	13,982	1,306	46,849	16,597	111,468	3,076

ONE-TIME SAVES -----($K)-----	2006	2007	2008	2009	2010	2011	Total
CONSTRUCTION							
MILCON	0	0	0	0	0	0	0
O&M							
1-Time Move	0	0	0	0	0	0	0
MIL PERSONNEL							
Mil Moving	0	0	85	0	0	109	193
OTHER							
Environmental	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0
TOTAL ONE-TIME	0	0	85	0	0	109	193

RECURRINGSAVES -----($K)-----	2006	2007	2008	2009	2010	2011	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
Sustainment	0	0	105	105	105	456	773	456
Recap	0	0	250	250	250	1,082	1,832	1,082
BOS	0	0	438	438	438	1,897	3,211	1,897
Civ Salary	0	0	0	0	0	1,230	1,230	2,460
MIL PERSONNEL								
Off Salary	0	0	0	0	0	375	375	750
Enl Salary	0	0	0	0	0	1,236	1,236	2,472
House Allow	0	0	264	264	264	820	1,614	820
OTHER								
Procurement	0	0	0	0	273	273	546	273
Mission Activ	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	5,900	5,900	5,900
TOTAL RECUR	0	0	1,057	1,057	1,330	13,271	16,717	16,112
TOTAL SAVINGS	0	0	1,142	1,057	1,330	13,380	16,910	16,112

DCN:11673

TOTAL COBRA REALIGNMENT DETAIL REPORT (COBRA v6.10) - Page 3/9
Data As Of 7/1/2005 2:57:32 PM, Report Created 8/9/2005 12:42:12 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 1 - updated Milcon\Alt 1 - Patrick AFI
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

ONE-TIME NET -----($K)-----	2006	2007	2008	2009	2010	2011	Total
CONSTRUCTION							
MILCON	6,116	25,066	0	0	42,890	0	74,072
O&M							
Civ Retir/RIF	0	0	0	0	0	691	691
Civ Moving	0	0	33	0	0	1,923	1,957
Info Tech	0	0	9	0	0	99	108
Other	530	397	342	224	168	1,202	2,863
MIL PERSONNEL							
Mil Moving	0	0	10	0	0	192	202
OTHER							
HAP / RSE	0	0	59	0	0	310	369
Environmental	0	0	140	0	0	0	140
Misn Contract	0	0	0	0	0	0	0
1-Time Other	0	0	12,220	0	1,380	8,994	22,594
TOTAL ONE-TIME	6,646	25,463	12,814	224	44,438	13,412	102,857

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	404	299	299	991	639	2,632	639
Recap	0	220	-30	-30	346	-486	20	-486
BOS	0	0	-319	-319	-319	-1,576	-2,533	-1,576
Civ Salary	0	0	0	0	0	-1,230	-1,230	-2,460
TRICARE	0	0	116	116	116	259	608	259
MIL PERSONNEL								
Mil Salary	0	0	0	0	0	-1,611	-1,611	-3,222
House Allow	0	0	-41	-41	-41	-319	-442	-319
OTHER								
Procurement	0	0	0	0	-273	-273	-546	-273
Mission Activ	0	0	0	0	0	42	42	42
Misc Recur	0	0	0	0	260	-5,640	-5,380	-5,640
TOTAL RECUR	0	624	25	25	1,080	-10,195	-8,440	-13,036
TOTAL NET COST	6,646	26,087	12,839	249	45,518	3,217	94,557	-13,036

DCN:11673

Data As Of 7/1/2005 2:57:32 PM, Report Created 8/9/2005 12:42:12 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 1 - updated Milcon\Alt 1 - Patrick AFI
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

Base: Patrick AFB, FL (SXHT)

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	631	631
Civ Retire	0	0	0	0	0	60	60
CIV MOVING							
Per Diem	0	0	0	0	0	58	58
POV Miles	0	0	0	0	0	1	1
Home Purch	0	0	0	0	0	300	300
HHG	0	0	0	0	0	45	45
Misc	0	0	0	0	0	22	22
House Hunt	0	0	0	0	0	37	37
PPP	0	0	0	0	0	284	284
RITA	0	0	0	0	0	117	117
FREIGHT							
Packing	0	0	3	0	0	5	8
Freight	0	0	31	0	0	1,055	1,086
Vehicles	0	0	0	0	0	0	0
Unemployment	0	0	0	0	0	49	49
OTHER							
Info Tech	0	0	9	0	0	15	24
Prog Manage	530	397	298	224	168	126	1,743
Supt Contrac	0	0	0	0	0	880	880
Mothball	0	0	44	0	0	147	191
1-Time Move	0	0	0	0	0	0	0
MIL PERSONNEL							
MIL MOVING							
Per Diem	0	0	2	0	0	3	5
POV Miles	0	0	2	0	0	2	4
HHG	0	0	46	0	0	57	103
Misc	0	0	45	0	0	55	100
OTHER							
Elim PCS	0	0	0	0	0	183	183
OTHER							
HAP / RSE	0	0	59	0	0	310	369
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	1,060	1,060
TOTAL ONE-TIME	530	397	539	224	168	5,503	7,360

DCN:11673

Data As Of 7/1/2005 2:57:32 PM, Report Created 8/9/2005 12:42:12 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 1 - updated Milcon\Alt 1 - Patrick AFI
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

Base: Patrick AFB, FL (SXHT)

RECURRINGCOSTS -----($K)-----	2006	2007	2008	2009	2010	2011	Total	Beyond
O&M								
Sustainment	0	0	0	0	0	0	0	0
Recap	0	0	0	0	0	0	0	0
BOS	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	42	42	42
Misc Recur	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	0	0	0	42	42	42
TOTAL COSTS	530	397	539	224	168	5,545	7,402	42

ONE-TIME SAVES -----($K)-----	2006	2007	2008	2009	2010	2011	Total
CONSTRUCTION							
MILCON	0	0	0	0	0	0	0
O&M							
1-Time Move	0	0	0	0	0	0	0
MIL PERSONNEL							
Mil Moving	0	0	85	0	0	109	193
OTHER							
Environmental	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0
TOTAL ONE-TIME	0	0	85	0	0	109	193

RECURRINGSAVES -----($K)-----	2006	2007	2008	2009	2010	2011	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
Sustainment	0	0	105	105	105	456	773	456
Recap	0	0	250	250	250	1,082	1,832	1,082
BOS	0	0	438	438	438	1,897	3,211	1,897
Civ Salary	0	0	0	0	0	1,230	1,230	2,460
MIL PERSONNEL								
Off Salary	0	0	0	0	0	375	375	750
Enl Salary	0	0	0	0	0	1,236	1,236	2,472
House Allow	0	0	264	264	264	820	1,614	820
OTHER								
Procurement	0	0	0	0	273	273	546	273
Mission Activ	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	1,900	1,900	1,900
TOTAL RECUR	0	0	1,057	1,057	1,330	9,271	12,717	12,112
TOTAL SAVINGS	0	0	1,142	1,057	1,330	9,380	12,910	12,112

DCN:11673

Data As Of 7/1/2005 2:57:32 PM, Report Created 8/9/2005 12:42:12 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 1 - updated Milcon\Alt 1 - Patrick AFI
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

Base: Patrick AFB, FL (SXHT)

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	0	0	0	691	691
Civ Moving	0	0	33	0	0	1,923	1,957
Info Tech	0	0	9	0	0	15	24
Other	530	397	342	224	168	1,202	2,863
MIL PERSONNEL							
Mil Moving	0	0	10	0	0	192	202
OTHER							
HAP / RSE	0	0	59	0	0	310	369
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	1,060	1,060
TOTAL ONE-TIME	530	397	454	224	168	5,394	7,167

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	-105	-105	-105	-456	-773	-456
Recap	0	0	-250	-250	-250	-1,082	-1,832	-1,082
BOS	0	0	-438	-438	-438	-1,897	-3,211	-1,897
Civ Salary	0	0	0	0	0	-1,230	-1,230	-2,460
TRICARE	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Salary	0	0	0	0	0	-1,611	-1,611	-3,222
House Allow	0	0	-264	-264	-264	-820	-1,614	-820
OTHER								
Procurement	0	0	0	0	-273	-273	-546	-273
Mission Activ	0	0	0	0	0	42	42	42
Misc Recur	0	0	0	0	0	-1,900	-1,900	-1,900
TOTAL RECUR	0	0	-1,057	-1,057	-1,330	-9,229	-12,675	-12,070
TOTAL NET COST	530	397	-604	-834	-1,163	-3,835	-5,508	-12,070

DCN:11673

Data As Of 7/1/2005 2:57:32 PM, Report Created 8/9/2005 12:42:12 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 1 - updated Milcon\Alt 1 - Patrick AFI
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

Base: SUBASE KINGSBAY, GA (N42237)

ONE-TIME COSTS	2006	2007	2008	2009	2010	2011	Total
-----($K)-----	----	----	----	----	----	----	-----
CONSTRUCTION							
MILCON	6,116	25,066	0	0	42,890	0	74,072
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	84	84
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	140	0	0	0	140
Misn Contract	0	0	0	0	0	0	0
1-Time Other	0	0	12,220	0	1,380	7,934	21,534
TOTAL ONE-TIME	6,116	25,066	12,360	0	44,270	8,018	95,830

DCN:11673

COBRA REALIGNMENT DETAIL REPORT (COBRA v6.10) - Page 8/9
Data As Of 7/1/2005 2:57:32 PM, Report Created 8/9/2005 12:42:12 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 1 - updated Milcon\Alt 1 - Patrick AFI
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

Base: SUBASE KINGSBAY, GA (N42237)

RECURRINGCOSTS -----($K)-----	2006	2007	2008	2009	2010	2011	Total	Beyond
O&M								
Sustainment	0	404	404	404	1,096	1,096	3,405	1,096
Recap	0	220	220	220	596	596	1,852	596
BOS	0	0	119	119	119	322	678	322
Civ Salary	0	0	0	0	0	0	0	0
TRICARE	0	0	116	116	116	259	608	259
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	223	223	223	501	1,172	501
OTHER								
Mission Activ	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	260	260	520	260
TOTAL RECUR	0	624	1,083	1,083	2,411	3,034	8,235	3,034
TOTAL COSTS	6,116	25,690	13,443	1,083	46,681	11,052	104,065	3,034

ONE-TIME SAVES -----($K)-----	2006	2007	2008	2009	2010	2011	Total
CONSTRUCTION							
MILCON	0	0	0	0	0	0	0
O&M							
1-Time Move	0	0	0	0	0	0	0
MIL PERSONNEL							
Mil Moving	0	0	0	0	0	0	0
OTHER							
Environmental	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0
TOTAL ONE-TIME	0	0	0	0	0	0	0

RECURRINGSAVES -----($K)-----	2006	2007	2008	2009	2010	2011	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
Sustainment	0	0	0	0	0	0	0	0
Recap	0	0	0	0	0	0	0	0
BOS	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	4,000	4,000	4,000
TOTAL RECUR	0	0	0	0	0	4,000	4,000	4,000
TOTAL SAVINGS	0	0	0	0	0	4,000	4,000	4,000

DCN:11673

COBRA REALIGNMENT DETAIL REPORT (COBRA v6.10) - Page 9/9
Data As Of 7/1/2005 2:57:32 PM, Report Created 8/9/2005 12:42:12 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 1 - updated Milcon\Alt 1 - Patrick AFI
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

Base: SUBASE KINGSBAY, GA (N42237)

ONE-TIME NET -----($K)-----	2006	2007	2008	2009	2010	2011	Total
CONSTRUCTION							
MILCON	6,116	25,066	0	0	42,890	0	74,072
O&M							
Civ Retir/RIF	0	0	0	0	0	0	0
Civ Moving	0	0	0	0	0	0	0
Info Tech	0	0	0	0	0	84	84
Other	0	0	0	0	0	0	0
MIL PERSONNEL							
Mil Moving	0	0	0	0	0	0	0
OTHER							
HAP / RSE	0	0	0	0	0	0	0
Environmental	0	0	140	0	0	0	140
Misn Contract	0	0	0	0	0	0	0
1-Time Other	0	0	12,220	0	1,380	7,934	21,534
TOTAL ONE-TIME	6,116	25,066	12,360	0	44,270	8,018	95,830

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	404	404	404	1,096	1,096	3,405	1,096
Recap	0	220	220	220	596	596	1,852	596
BOS	0	0	119	119	119	322	678	322
Civ Salary	0	0	0	0	0	0	0	0
TRICARE	0	0	116	116	116	259	608	259
MIL PERSONNEL								
Mil Salary	0	0	0	0	0	0	0	0
House Allow	0	0	223	223	223	501	1,172	501
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	260	-3,740	-3,480	-3,740
TOTAL RECUR	0	624	1,083	1,083	2,411	-966	4,235	-966
TOTAL NET COST	6,116	25,690	13,443	1,083	46,681	7,052	100,065	-966

DCN:11673

COBRA PERSONNEL/SF/SUSTAINMENT/RECAP/BOS DELTAS REPORT (COBRA v6.10)
Data As Of 7/1/2005 2:57:32 PM, Report Created 8/9/2005 12:42:12 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 1 - updated Milcon\Alt 1 - Patrick AFI
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

Personnel

Base	Start*	Finish*	Change	%Change
Patrick AFB	3,485	3,290	-195	-6%
SUBASE KINGSBAY	9,742	9,864	122	1%
TOTAL	13,227	13,154	-73	-1%

Square Footage

Base	Start	Finish	Change	%Change	Chg/Per
Patrick AFB	3,211,000	2,785,600	-425,400	-13%	2,181
SUBASE KINGSBAY	5,627,214	5,941,614	314,400	6%	2,577
TOTAL	8,838,214	8,727,214	-111,000	-1%	1,520

Base Operations Support (2005$)

Base	Start*	Finish*	Change	%Change	Chg/Per
Patrick AFB	63,415,446	61,517,945	-1,897,501	-3%	9,731
SUBASE KINGSBAY	49,112,951	49,434,727	321,775	1%	2,637
TOTAL	112,528,397	110,952,672	-1,575,725	-1%	21,585

Sustainment (2005$)

Base	Start	Finish	Change	%Change	Chg/Per
Patrick AFB	3,446,198	2,989,638	-456,559	-13%	2,341
SUBASE KINGSBAY	29,563,718	30,659,810	1,096,092	4%	8,984
TOTAL	33,009,916	33,649,449	639,533	2%	-8,761

Recapitalization (2005$)

Base	Start	Finish	Change	%Change	Chg/Per
Patrick AFB	8,171,339	7,088,783	-1,082,556	-13%	5,551
SUBASE KINGSBAY	15,834,553	16,430,861	596,308	4%	4,888
TOTAL	24,005,892	23,519,644	-486,248	-2%	6,661

Sustain + Recap + BOS (2005$)

Base	Start	Finish	Change	%Change	Chg/Per
Patrick AFB	75,032,983	71,596,367	-3,436,616	-5%	17,624
SUBASE KINGSBAY	94,511,223	96,525,399	2,014,176	2%	16,510
TOTAL	169,544,206	168,121,766	-1,422,440	-1%	19,485

Plant Replacement Value (2005$)

Base	Start	Finish	Change	%Change	Chg/Per
Patrick AFB	988,732,050	857,742,759	-130,989,291	-13%	671,740
SUBASE KINGSBAY	1,805,139,069	1,873,118,189	67,979,120	4%	557,206
TOTAL	2,793,871,119	2,730,860,948	-63,010,171	-2%	863,153

DCN:11673

Data As Of 7/1/2005 2:57:32 PM, Report Created 8/9/2005 12:42:12 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 1 - updated Milcon\Alt 1 - Patrick AFI
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

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

DCN:11673

TOTAL COBRA MILITARY CONSTRUCTION ASSETS REPORT (COBRA v6.10)
Data As Of 7/1/2005 2:57:32 PM, Report Created 8/9/2005 12:42:12 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 1 - updated Milcon\Alt 1 - Patrick AFI
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

All values in 2005 Constant Dollars

Base Name	Total MilCon*	Milcon Cost Avoidence	Total Net Costs
Patrick AFB	0	0	0
SUBASE KINGSBAY	74,072,041	0	74,072,041
Totals:	74,072,041	0	74,072,041

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

DCN:11673

COBRA MILITARY CONSTRUCTION ASSETS REPORT (COBRA v6.10) - Page 2
Data As Of 7/1/2005 2:57:32 PM, Report Created 8/9/2005 12:42:12 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 1 - updated Milcon\Alt 1 - Patrick AFI
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

MilCon for Base: SUBASE KINGSBAY, GA (N42237)

All values in 2005 Constant Dollars ($K)

FAC	Title	UM	New MilCon	New Cost*	Using Rehab	Rehab Type	Rehab Cost*	Total Cost*
1721	Flight Simulator Facility	SF	17,000	3,784	0	Default	0	3,784
2123	Missile/Launcher Maintenance Support Faci	SF	10,000	2,023	0	Default	0	2,023
2126	Intercontinental Ballistic Missile Proces	SF	25,000	11,828	0	Default	0	11,828
3121	Missile and Space RDT&E Facility	SF	30,000	10,810	0	Default	0	10,810
3191	Miscellaneous Item and Equipment RDT&E Fa	SF	35,000	6,236	0	Default	0	6,236
4421	Covered Storage Building, Installation	SF	35,000	3,222	0	Default	0	3,222
4423	Hazardous Materials Storage, Installation	SF	2,400	356	0	Default	0	356
6100	General Administrative Building	SF	160,000	26,798	0	Default	0	26,798
8521	Vehicle Parking, Surfaced	SY	21,000	1,156	0	Default	0	1,156
8122	Exterior Lighting Lines	LF	11,000	146	0	Default	0	146
8511	Road, Surfaced	SY	14,000	374	0	Default	0	374
8522	Vehicle Parking, Unsurfaced	SY	90,000	730	0	Default	0	730
8321	Sewer and Industrial Waste Line	LF	11,000	680	0	Default	0	680
8421	Water Distribution Line, Potable	LF	6,000	281	0	Default	0	281
8121	Electrical Power Distribution Line	LF	15,000	574	0	Default	0	574
8121	Electrical Power Distribution Line	LF	600	23	0	Default	0	23
8131	Electrical Power Substation and Switching	KV	60,000	4,772	0	Default	0	4,772
8121	Electrical Power Distribution Line	LF	600	n/a**	0	Default	n/a**	280

Total Construction Cost:	74,072
- Construction Cost Avoid:	0
Total Net Milcon Cost:	74,072

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

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

DCN:11673

COBRA NET PRESENT VALUES REPORT (COBRA v6.10)
Data As Of 7/1/2005 2:57:32 PM, Report Created 8/9/2005 12:42:12 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 1 - updated Milcon\Alt 1 - Patrick AFI
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

Year	Cost($)	Adjusted Cost($)	NPV($)
2006	6,646,118	6,554,982	6,554,982
2007	26,087,543	25,029,000	31,583,982
2008	12,839,233	11,982,745	43,566,727
2009	248,985	226,046	43,792,773
2010	45,518,496	40,199,337	83,992,110
2011	3,216,946	2,763,641	86,755,751
2012	-13,036,303	-10,894,297	75,861,454
2013	-13,036,303	-10,597,565	65,263,889
2014	-13,036,303	-10,308,916	54,954,973
2015	-13,036,303	-10,028,128	44,926,845
2016	-13,036,303	-9,754,988	35,171,857
2017	-13,036,303	-9,489,288	25,682,568
2018	-13,036,303	-9,230,825	16,451,743
2019	-13,036,303	-8,979,402	7,472,341
2020	-13,036,303	-8,734,827	-1,262,486
2021	-13,036,303	-8,496,913	-9,759,399
2022	-13,036,303	-8,265,480	-18,024,879
2023	-13,036,303	-8,040,350	-26,065,229
2024	-13,036,303	-7,821,352	-33,886,581
2025	-13,036,303	-7,608,319	-41,494,900

DCN:11673

TOTAL COBRA PERSONNEL IMPACT REPORT (COBRA v6.10) - Page 1/3
Data As Of 7/1/2005 2:57:32 PM, Report Created 8/9/2005 12:42:12 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 1 - updated Milcon\Alt 1 - Patrick AFI
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

	Rate	2006	2007	2008	2009	2010	2011	Total
CIVILIAN POSITIONS REALIGNING OUT		0	0	0	0	0	22	22
Early Retirement*	8.10%	0	0	0	0	0	2	2
Regular Retirement*	1.67%	0	0	0	0	0	0	0
Civilian Turnover*	9.16%	0	0	0	0	0	2	2
Civs Not Moving (RIFs)*	6.00%	0	0	0	0	0	1	1
Civilians Moving (the remainder)		0	0	0	0	0	17	17
Civilian Positions Available		0	0	0	0	0	5	5
CIVILIAN POSITIONS ELIMINATED		0	0	0	0	0	37	37
Early Retirement	8.10%	0	0	0	0	0	3	3
Regular Retirement	1.67%	0	0	0	0	0	1	1
Civilian Turnover	9.16%	0	0	0	0	0	3	3
Civs Not Moving (RIFs)*	6.00%	0	0	0	0	0	2	2
Priority Placement#	39.97%	0	0	0	0	0	15	15
Civilians Available to Move		0	0	0	0	0	13	13
Civilians Moving		0	0	0	0	0	5	5
Civilian RIFs (the remainder)		0	0	0	0	0	8	8
CIVILIAN POSITIONS REALIGNING IN		0	0	0	0	0	22	22
Civilians Moving		0	0	0	0	0	22	22
New Civilians Hired		0	0	0	0	0	0	0
Other Civilian Additions		0	0	0	0	0	0	0
TOTAL CIVILIAN EARLY RETIREMENTS		0	0	0	0	0	5	5
TOTAL CIVILIAN RIFS		0	0	0	0	0	11	11
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	0	0	0	0	15	15
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%

DCN:11673

COBRA PERSONNEL IMPACT REPORT (COBRA v6.10) - Page 2/3
Data As Of 7/1/2005 2:57:32 PM, Report Created 8/9/2005 12:42:12 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 1 - updated Milcon\Alt 1 - Patrick AFI
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

Base: Patrick AFB, FL (SXHT)	Rate	2006	2007	2008	2009	2010	2011	Total
CIVILIAN POSITIONS REALIGNING OUT		0	0	0	0	0	22	22
Early Retirement*	8.10%	0	0	0	0	0	2	2
Regular Retirement*	1.67%	0	0	0	0	0	0	0
Civilian Turnover*	9.16%	0	0	0	0	0	2	2
Civs Not Moving (RIFs)*	6.00%	0	0	0	0	0	1	1
Civilians Moving (the remainder)		0	0	0	0	0	17	17
Civilian Positions Available		0	0	0	0	0	5	5
CIVILIAN POSITIONS ELIMINATED		0	0	0	0	0	37	37
Early Retirement	8.10%	0	0	0	0	0	3	3
Regular Retirement	1.67%	0	0	0	0	0	1	1
Civilian Turnover	9.16%	0	0	0	0	0	3	3
Civs Not Moving (RIFs)*	6.00%	0	0	0	0	0	2	2
Priority Placement#	39.97%	0	0	0	0	0	15	15
Civilians Available to Move		0	0	0	0	0	13	13
Civilians Moving		0	0	0	0	0	5	5
Civilian RIFs (the remainder)		0	0	0	0	0	8	8
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	0	0	5	5
TOTAL CIVILIAN RIFS		0	0	0	0	0	11	11
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	0	0	0	0	15	15
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%

DCN:11673

COBRA PERSONNEL IMPACT REPORT (COBRA v6.10) - Page 3/3
Data As Of 7/1/2005 2:57:32 PM, Report Created 8/9/2005 12:42:12 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 1 - updated Milcon\Alt 1 - Patrick AFI
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

Base: SUBASE KINGSBAY, GA (N42237)	Rate	2006	2007	2008	2009	2010	2011	Total
CIVILIAN POSITIONS REALIGNING OUT		0	0	0	0	0	0	0
Early Retirement*	8.10%	0	0	0	0	0	0	0
Regular Retirement*	1.67%	0	0	0	0	0	0	0
Civilian Turnover*	9.16%	0	0	0	0	0	0	0
Civs Not Moving (RIFs)*	6.00%	0	0	0	0	0	0	0
Civilians Moving (the remainder)		0	0	0	0	0	0	0
Civilian Positions Available		0	0	0	0	0	0	0
CIVILIAN POSITIONS ELIMINATED		0	0	0	0	0	0	0
Early Retirement	8.10%	0	0	0	0	0	0	0
Regular Retirement	1.67%	0	0	0	0	0	0	0
Civilian Turnover	9.16%	0	0	0	0	0	0	0
Civs Not Moving (RIFs)*	6.00%	0	0	0	0	0	0	0
Priority Placement#	39.97%	0	0	0	0	0	0	0
Civilians Available to Move		0	0	0	0	0	0	0
Civilians Moving		0	0	0	0	0	0	0
Civilian RIFs (the remainder)		0	0	0	0	0	0	0
CIVILIAN POSITIONS REALIGNING IN		0	0	0	0	0	22	22
Civilians Moving		0	0	0	0	0	22	22
New Civilians Hired		0	0	0	0	0	0	0
Other Civilian Additions		0	0	0	0	0	0	0
TOTAL CIVILIAN EARLY RETIRMENTS		0	0	0	0	0	0	0
TOTAL CIVILIAN RIFS		0	0	0	0	0	0	0
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	0	0	0	0	0	0
TOTAL CIVILIAN NEW HIRES		0	0	0	0	0	0	0

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

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

DCN:11673

COBRA PERSONNEL YEARLY PERCENTAGES REPORT (COBRA v6.10)
Data As Of 7/1/2005 2:57:32 PM, Report Created 8/9/2005 12:42:12 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 1 - updated Milcon\Alt 1 - Patrick AFI
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

Base: Patrick AFB, FL (SXHT)

	Pers Moved In/Added		MilCon	Pers Moved Out/Eliminated		ShutDn
Year	Total	Percent	TimePhase	Total	Percent	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%	45	23.08%	23.08%
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%	150	76.92%	76.92%
TOTALS	0	0.00%	100.00%	195	100.00%	100.00%

Base: SUBASE KINGSBAY, GA (N42237)

	Pers Moved In/Added		MilCon	Pers Moved Out/Eliminated		ShutDn
Year	Total	Percent	TimePhase	Total	Percent	TimePhase
2006	0	0.00%	0.00%	0	0.00%	16.67%
2007	0	0.00%	36.89%	0	0.00%	16.67%
2008	45	36.89%	0.00%	0	0.00%	16.67%
2009	0	0.00%	0.00%	0	0.00%	16.67%
2010	0	0.00%	63.11%	0	0.00%	16.67%
2011	77	63.11%	0.00%	0	0.00%	16.67%
TOTALS	122	100.00%	100.00%	0	0.00%	100.00%

DCN:11673

COBRA TOTAL PERSONNEL SUMMARY REPORT (COBRA v6.10)
Data As Of 7/1/2005 2:57:32 PM, Report Created 8/9/2005 12:42:12 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 1 - updated Milcon\Alt 1 - Patrick AFI
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

TOTAL SCENARIO POPULATION (FY 2005):

Officers	Enlisted	Students	Civilians
1,154	6,981	300	4,821

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

	2006	2007	2008	2009	2010	2011	Total
Officers	3	0	0	0	0	0	3
Enlisted	-9	-1	0	0	0	0	-10
Students	0	0	0	0	0	0	0
Civilians	-5	-9	-2	-2	-4	0	-22
TOTAL	-11	-10	-2	-2	-4	0	-29

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

Officers	Enlisted	Students	Civilians
1,157	6,971	300	4,799

TOTAL PERSONNEL REALIGNMENTS, ENTIRE SCENARIO):

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	5	0	0	8	13
Enlisted	0	0	40	0	0	47	87
Students	0	0	0	0	0	0	0
Civilians	0	0	0	0	0	22	22
TOTAL	0	0	45	0	0	77	122

TOTAL SCENARIO POSITION CHANGES, ENTIRE SCENARIO:

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	0	-6	-6
Enlisted	0	0	0	0	0	-30	-30
Civilians	0	0	0	0	0	-37	-37
TOTAL	0	0	0	0	0	-73	-73

TOTAL SCENARIO POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
1,151	6,941	300	4,762

DCN:11673

COBRA PERSONNEL SUMMARY REPORT (COBRA v6.10) - Page 2
Data As Of 7/1/2005 2:57:32 PM, Report Created 8/9/2005 12:42:12 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 1 - updated Milcon\Alt 1 - Patrick AFI
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

PERSONNEL SUMMARY FOR: Patrick AFB, FL (SXHT)

BASE POPULATION (FY 2005, Prior to BRAC Action) FOR: Patrick AFB, FL (SXHT)

Officers	Enlisted	Students	Civilians
477	1,256	0	1,752

PERSONNEL REALIGNMENTS:
To Base: SUBASE KINGSBAY, GA (N42237)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	5	0	0	8	13
Enlisted	0	0	40	0	0	47	87
Students	0	0	0	0	0	0	0
Civilians	0	0	0	0	0	22	22
TOTAL	0	0	45	0	0	77	122

TOTAL PERSONNEL REALIGNMENTS (Out of Patrick AFB, FL (SXHT)):

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	5	0	0	8	13
Enlisted	0	0	40	0	0	47	87
Students	0	0	0	0	0	0	0
Civilians	0	0	0	0	0	22	22
TOTAL	0	0	45	0	0	77	122

SCENARIO POSITION CHANGES FOR: Patrick AFB, FL (SXHT)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	0	-6	-6
Enlisted	0	0	0	0	0	-30	-30
Civilians	0	0	0	0	0	-37	-37
TOTAL	0	0	0	0	0	-73	-73

BASE POPULATION (After BRAC Action) FOR: Patrick AFB, FL (SXHT)

Officers	Enlisted	Students	Civilians
458	1,139	0	1,693

PERSONNEL SUMMARY FOR: SUBASE KINGSBAY, GA (N42237)

BASE POPULATION (FY 2005):

Officers	Enlisted	Students	Civilians
677	5,725	300	3,069

PROGRAMMED INSTALLATION (NON-BRAC) CHANGES FOR: SUBASE KINGSBAY, GA (N42237)

	2006	2007	2008	2009	2010	2011	Total
Officers	3	0	0	0	0	0	3
Enlisted	-9	-1	0	0	0	0	-10
Students	0	0	0	0	0	0	0
Civilians	-5	-9	-2	-2	-4	0	-22
TOTAL	-11	-10	-2	-2	-4	0	-29

BASE POPULATION (Prior to BRAC Action) FOR: SUBASE KINGSBAY, GA (N42237)

Officers	Enlisted	Students	Civilians
680	5,715	300	3,047

DCN:11673

COBRA PERSONNEL SUMMARY REPORT (COBRA v6.10) - Page 3
Data As Of 7/1/2005 2:57:32 PM, Report Created 8/9/2005 12:42:12 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 1 - updated Milcon\Alt 1 - Patrick AFI
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

PERSONNEL REALIGNMENTS:
From Base: Patrick AFB, FL (SXHT)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	5	0	0	8	13
Enlisted	0	0	40	0	0	47	87
Students	0	0	0	0	0	0	0
Civilians	0	0	0	0	0	22	22
TOTAL	0	0	45	0	0	77	122

TOTAL PERSONNEL REALIGNMENTS (Into SUBASE KINGSBAY, GA (N42237)):

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	5	0	0	8	13
Enlisted	0	0	40	0	0	47	87
Students	0	0	0	0	0	0	0
Civilians	0	0	0	0	0	22	22
TOTAL	0	0	45	0	0	77	122

BASE POPULATION (After BRAC Action) FOR: SUBASE KINGSBAY, GA (N42237)

Officers	Enlisted	Students	Civilians
693	5,802	300	3,069

DCN:11673

COBRA SUSTAINMENT/RECAP/BOS/HOUSING CHANGE REPORT (COBRA v6.10)
Data As Of 7/1/2005 2:57:32 PM, Report Created 8/9/2005 12:42:12 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 1 - updated Milcon\Alt 1 - Patrick AFI
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

Net Change($K)	2006	2007	2008	2009	2010	2011	Total	Beyond
Sustain Change	0	404	299	299	991	639	2,632	639
Recap Change	0	220	-30	-30	346	-486	20	-486
BOS Change	0	0	-319	-319	-319	-1,576	-2,533	-1,576
Housing Change	0	0	0	0	0	0	0	0
TOTAL CHANGES	0	624	-50	-50	1,018	-1,422	119	-1,422

Patrick AFB, FL (SXHT)

Net Change($K)	2006	2007	2008	2009	2010	2011	Total	Beyond
Sustain Change	0	0	-105	-105	-105	-456	-773	-456
Recap Change	0	0	-250	-250	-250	-1,082	-1,832	-1,082
BOS Change	0	0	-438	-438	-438	-1,897	-3,211	-1,897
Housing Change	0	0	0	0	0	0	0	0
TOTAL CHANGES	0	0	-793	-793	-793	-3,437	-5,816	-3,437

SUBASE KINGSBAY, GA (N42237)

Net Change($K)	2006	2007	2008	2009	2010	2011	Total	Beyond
Sustain Change	0	404	404	404	1,096	1,096	3,405	1,096
Recap Change	0	220	220	220	596	596	1,852	596
BOS Change	0	0	119	119	119	322	678	322
Housing Change	0	0	0	0	0	0	0	0
TOTAL CHANGES	0	624	743	743	1,811	2,014	5,935	2,014

DCN:11673

COBRA INPUT DATA REPORT (COBRA v6.10)
Data As Of 7/1/2005 2:57:32 PM, Report Created 8/9/2005 12:42:12 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 1 - updated Milcon\Alt 1 - Patrick AFI
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\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:
Patrick AFB, FL (SXHT)	Realignment
SUBASE KINGSBAY, GA (N42237)	Realignment

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

Point A:	Point B:	Distance:
Patrick AFB, FL (SXHT)	SUBASE KINGSBAY, GA (N42237)	209 mi

INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from Patrick AFB, FL (SXHT) to SUBASE KINGSBAY, GA (N42237)

	2006	2007	2008	2009	2010	2011
Officer Positions:	0	0	5	0	0	8
Enlisted Positions:	0	0	40	0	0	47
Civilian Positions:	0	0	0	0	0	22
Student Positions:	0	0	0	0	0	0
NonVeh Missn Eqpt(tons):	0	0	26	0	0	4,000
Suppt Eqpt (tons):	0	0	30	0	0	400
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: Patrick AFB, FL (SXHT)

Total Officer Employees:	477	Base Service (for BOS/Sust):	Air Force
Total Enlisted Employees:	1,256	Total Sustainment($K/Year):	14,285
Total Student Employees:	0	Sustain Payroll ($K/Year):	10,839
Total Civilian Employees:	1,752	BOS Non-Payroll ($K/Year):	63,415
Accomp Mil not Receiving BAH:	28.5%	BOS Payroll ($K/Year):	31,319
Officer Housing Units Avail:	0	Family Housing ($K/Year):	10,907
Enlisted Housing Units Avail:	0	Installation PRV($K):	988,732
Starting Facilities(KSF):	3,211	Svc/Agcy Recap Rate (Years):	121
Officer BAH ($/Month):	1,381	Homeowner Assistance Program:	Yes
Enlisted BAH ($/Month):	942		
Civ Locality Pay Factor:	1.109		
Area Cost Factor:	0.97		
Per Diem Rate ($/Day):	144		
Freight Cost ($/Ton/Mile):	0.24		
Vehicle Cost ($/Lift/Mile):	4.84		
Latitude:	28.235042		
Longitude:	-80.607996		

TRICARE	In-Pat Admits	Out-Pat Visits	Prescrip
CostFactor	5,468.69	114.00	20.07
Actv MTF	0	37,296	53,260
Actv Purch	635	35,595	
Retiree	0	29,768	201,103
Retiree65+	0	3,431	385,793

DCN:11673

COBRA INPUT DATA REPORT (COBRA v6.10) - Page 2
Data As Of 7/1/2005 2:57:32 PM, Report Created 8/9/2005 12:42:12 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 1 - updated Milcon\Alt 1 - Patrick AFI
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: SUBASE KINGSBAY, GA (N42237)

Total Officer Employees:	677	Base Service (for BOS/Sust):	Navy
Total Enlisted Employees:	5,725	Total Sustainment($K/Year):	30,299
Total Student Employees:	300	Sustain Payroll ($K/Year):	735
Total Civilian Employees:	3,069	BOS Non-Payroll ($K/Year):	49,189
Accomp Mil not Receiving BAH:	96.8%	BOS Payroll ($K/Year):	10,453
Officer Housing Units Avail:	1	Family Housing ($K/Year):	3,996
Enlisted Housing Units Avail:	8	Installation PRV($K):	1,805,139
Starting Facilities(KSF):	5,627	Svc/Agcy Recap Rate (Years):	114
Officer BAH ($/Month):	874	Homeowner Assistance Program:	Yes
Enlisted BAH ($/Month):	688		
Civ Locality Pay Factor:	1.109		
Area Cost Factor:	0.99		
Per Diem Rate ($/Day):	86		
Freight Cost ($/Ton/Mile):	0.25		
Vehicle Cost ($/Lift/Mile):	4.84		
Latitude:	30.480000		
Longitude:	-81.410000		

TRICARE	In-Pat Admits	Out-Pat Visits	Prescrip
CostFactor	6,521.00	108.00	23.66
Actv MTF	0	55,690	74,917
Actv Purch	1,102	69,712	
Retiree	0	9,433	44,138
Retiree65+	0	159	19,837

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: Patrick AFB, FL (SXHT)

	2006	2007	2008	2009	2010	2011
1-Time Unique Cost ($K):	0	0	0	0	0	1,060
1-Time Unique Save ($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	42
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	880
Misc Recurring Cost($K):	0	0	0	0	0	0
Misc Recurring Save($K):	0	0	0	0	0	1,900
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	273	273

MTF Closure Action: None Fac ShDn(KSF): 425 FH ShDn: 0.000%

DCN:11673

COBRA INPUT DATA REPORT (COBRA v6.10) - Page 3
Data As Of 7/1/2005 2:57:32 PM, Report Created 8/9/2005 12:42:12 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 1 - updated Milcon\Alt 1 - Patrick AFI
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: SUBASE KINGSBAY, GA (N42237)

	2006	2007	2008	2009	2010	2011
1-Time Unique Cost ($K):	0	0	12,220	0	1,380	7,934
1-Time Unique Save ($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($K):	0	0	140	0	0	0
Activ Mission Cost ($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($K):	0	0	0	0	260	260
Misc Recurring Save($K):	0	0	0	0	0	4,000
One-Time IT Costs ($K):	0	0	0	0	0	84
Construction Schedule(%):	0%	0%	0%	0%	0%	0%
Shutdown Schedule (%):	0%	0%	0%	0%	0%	0%
Misn Milcon Avoidnc($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%

INPUT SCREEN SIX - BASE PERSONNEL INFORMATION

Name: Patrick AFB, FL (SXHT)

	2006	2007	2008	2009	2010	2011
Off Scenario Change:	0	0	0	0	0	-6
Enl Scenario Change:	0	0	0	0	0	-30
Civ Scenario Change:	0	0	0	0	0	-37
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:	50%	0%	0%	0%	0%	0%

Name: SUBASE KINGSBAY, GA (N42237)

	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:	3	0	0	0	0	0
Enl Prog nonBRAC Change:	-9	-1	0	0	0	0
Civ Prog nonBRAC Change:	-5	-9	-2	-2	-4	0
Stu Prog nonBRAC Change:	0	0	0	0	0	0
Prog FH Privatization:	0%	100%	0%	0%	0%	0%

DCN:11673

COBRA INPUT DATA REPORT (COBRA v6.10) - Page 4
Data As Of 7/1/2005 2:57:32 PM, Report Created 8/9/2005 12:42:12 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 1 - updated Milcon\Alt 1 - Patrick AFI
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

INPUT SCREEN SEVEN - BASE MILITARY CONSTRUCTION INFORMATION

Name: SUBASE KINGSBAY, GA (N42237)

FAC	UM	New MilCon	Rehab MilCon	TotCost($K)	FPG Con CF	FPG Sust CF
1721	SF	17,000	0 Default	0	184.67	5.31
2123	SF	10,000	0 Default	0	167.74	2.64
2126	SF	25,000	0 Default	0	393.25	8.48
3121	SF	30,000	0 Default	0	299.34	3.16
3191	SF	35,000	0 Default	0	147.68	3.32
4421	SF	35,000	0 Default	0	75.98	2.06
4423	SF	2,400	0 Default	0	122.74	5.17
6100	SF	160,000	0 Default	0	138.78	2.52
8521	SY	21,000	0 Default	0	45.83	1.07
8122	LF	11,000	0 Default	0	11.05	1.13
8511	SY	14,000	0 Default	0	22.25	0.54
8522	SY	90,000	0 Default	0	6.75	0.16
8321	LF	11,000	0 Default	0	51.48	0.06
8421	LF	6,000	0 Default	0	39.03	0.85
8121	LF	15,000	0 Default	0	31.84	0.18
8121	LF	600	0 Default	0	31.84	0.18
8131	KV	60,000	0 Default	0	66.22	2.12
8121	LF	600	0 Default	280	31.84	0.18

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%

DCN:11673

COBRA INPUT DATA REPORT (COBRA v6.10) - Page 5
Data As Of 7/1/2005 2:57:32 PM, Report Created 8/9/2005 12:42:12 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 1 - updated Milcon\Alt 1 - Patrick AFI
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

STANDARD FACTORS SCREEN THREE - TRANSPORTATION

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

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 1 - updated Milcon\Alt 1 - Patrick AFI
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

FOOTNOTES FOR SCREEN ONE
==========
Source Data
1. TECH-0018,Part5 Response from DON, 15 Feb 2005.xls
2. TJCSG approved assumptions were not applied as directed by TJCSG, Navy Submit includes
Navy Assumptions.

NPV results of 6.08 are $4081K greater than those of 6.07.

Data Standards

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* reassigned personnel + 150 * 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
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 leas 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 :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 1 - updated Milcon\Alt 1 - Patrick AFI
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

FOOTNOTES FOR SCREEN THREE
==========
Certified Data Source 1:

Patrick AFB to Kingsbay

Officers: NAVORTESTU_CAPE_CANAVERAL_FL rationale: OTSU 2 OFFICERS. Personnel require secure facility for the handling of classified information. Ship services are on coordinated dwg. NAVORDTESTU_CAPE_CANAVERAL_FL rationale: Based on program requirements in SPOSE. NOTU has to support ship and flight test mission requirements. Includes SPF(C)det. Would relocate with transition of CX30.

Enlisted: NOTU rationale: OTSU 2 ENLISTED contingent. Currently housed in an area 3000 sq. ft. Require secure area for handling and processing of classified information. NOTU rationale: TI team which remain joined to CX30 until relocation. Requires classified material handling, and storage area. NOTU rationale: SPF (C) det. Would relocate with transition of CX30.

Personnel: NOTU rationale: MWR personnel, under CNRSE NOTU rationale: Flight test mission support personnel for both coast. Requires office space and areas to handle and process classified information. NOTU rationale: SPF(C) detachment. Relocates when D5LE development complete and CX30 is relocated.

Mission Equipment 2008: 26 Tons Flight Test Support Vans.
Mission Equipment 2011: 4000 Tons Relocation of CX30, GTB, PILS, DARC

Support Equipment 2008: 30 Tons Certified Data without justification.
Support Equipment 2011: 400 Tons
145 Tons,17 Forklifts, either relocated to KB or distributed throughout the Navy.
60 Tons, Relocate 2 service units and associated equipment.
195 Tons, Equipment (desks, equipment, safes, bookcases, data roll table, electronic components need to support operations).

FOOTNOTES FOR SCREEN FIVE
==========
Patrick AFB

One-Time Unique Cost -Losing:
Recalibration / Repair of Relocated Equipment 60K FY11,Some of the equipment being relocated is sensitive to vibration etc and will require recalibration after it is relocated. We would expect that there would be significant repair requirements as well

Removal 120 Ton Portal Crane: 400K FY11,Navy Class III property to be removed before turnover to AF.

Removal 45 Ton Portal Crane: 300K FY11,Navy Class III property to be removed before turnover to AF.

Removal 110 Gantry Crane: 150K FY11,Navy Class III property to be removed before turnover to AF.

Removal Access Stand: 150K FY11,Navy Class III property to be removed before turnover to AF.

Mission Cost:
Travel to support Range meetings/ops: 42K Cost associated with 2 ops and related monthly travel.

Support Contract Terminating Cost:

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 1 - updated Milcon\Alt 1 - Patrick AFI
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

Severance pay: 750K FY11, BOS contractor layoffs of direct contractor support.
Severance pay: 100K Air Force contractor support
Severance pay: 30K Air Force support

Miscellaneous Recurring Savings:

Dredging: 350K Trident area specific dredging and quarterly surveys
Force protection cost: 1400K Cost transferred to Air Force due to force protection criteria
150K Savings from reduced manning

Procurement Cost Avoidances- Losing:

Camels: 273K FY10, Camel Replacement Procurement(Lifecycle)
Camels: 273K FY11, Camel Replacement Procurement(Lifecycle)

Facility shutdown certified data 425.4KSF without further detail

Kings Bay

One Time Unique Cost-Receiving:

Facility Activation Costs: Develop operational procedures: 4000K Facility Activation Costs: Test and Development are very different from Tactical production so documentation/procedures would need to be developed to keep these disciplines separate. Additionally, activation documentation would need to be required for acceptance of each new facility plus the establishment of each capability.

Reorganize and realign SWFLANT functions: 130K Develop Appropriate Staffing Plan: SWFLANT would be assigned a great deal more responsibility and therefore would be required to adjust command structure to support new and very different missions. 1 Man-yr in FY10

Storage space for queuing and distribution would need to be established before new permanent storage would be available.: 2500K 50 KSF required per year in FY10 & FY11 to support equipment transfers. $25/SF x 50KSF = $1,250K per year

Unique facility equipment would be required to be refurbished before installation in new facility.: 684K 5 Man-Hrs/Ton x $72/Man-Hr = $360/Ton

GDAIS Operations and Maintenance of GTB: 2000K GTB is currently operated and maintained by GDAIS. Contract support for new facility would need to be accomplished at the same time as maintaining old facility for a period of 6 months. The turn over cost captured in 35 One-time unique costs. Operational costs for GTB at Kings Bay is based on estimate of $2,000K.

Fender System-Cleats for ARDM: 4990K Existing ARDM mooring located at Site 6 does not have a fender system or cleats to accommodate the USNS Waters. The Layberth will not be used as a mooring site for the Waters. Layberth is needed to berth visiting ships.

Repair Site 6 Layberth Fender System: 2230K Existing fender system is in poor condition. The Layberth pier will be used to load equipment trailers on the USNS Waters prior to departing for the test range.

Floating Security Barrier Site 6: 5000K The USNS Waters will be berthed at Site 6 which is located outside the WRA. A new floating security will be required to enclose the berthing area.

Environmental Non-MILCON COST- RECEIVING:
Categorical Exclusion (CATEX): 10K Based on action in scenario and no requirements for NEPA, an EA or EIS is not required. Perform CATEX w/in-house personnel. Would include action #1 also.

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 1 - updated Milcon\Alt 1 - Patrick AFI
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

Compliance Plans: 130K Updates to legally required compliance plans - Spill Prevention, Control & Countermeasure, Facility Response, HAZWASTE Mgmt Plan, Natural Resource Management and Industrial Waste Water Management.

Miscellaneous Recurring Costs- Receiving:

The additional 75 personnel will require computer support.: 260K Due to the expected dispersed location and unique computing requirement two additional BAI computer support personnel will be required.

Miscellaneous Recurring Savings- Receiving:

Reduction of 20 LMSS Contractor Support Personnel: 4000K This is the savings realized by effort already provided within the current LM SWFLANT contract workforce.

One Time IT Cost- Receiving:

The additional 75 personnel (53 Mil and 22 Civ) will require computer support.: 84K Assume 70% of military personnel (53 x 70%=37) and all civilians (22) will require a computer. Also assume that 30% of desktop computers can transfer to receiving activity. Finally, assume cost is $2K per individual for a computer suite. [(37+22) individual computer requirements - 30%(37+22) transferred computers] x $2K for new computer suite = $84K

FOOTNOTES FOR SCREEN SIX
==========
Patrick AFB
OFFICER POSITIONS: 6 eliminations 2011, NAVORDTESTU_CAPE_CANAVERAL_FL rationale: Command disestablishment CO/XO, Admin, Supply, Port Ops.

ENLISTED POSITIONS:30 eliminations 2011, NAVORDTESTU_CAPE_CANAVERAL_FL rationale: Supply, Admin, Port Ops

CIVILIAN POSITIONS: 37 eliminations 2011, NAVORDTESTU_CAPE_CANAVERAL_FL rationale: QA, Admin, MIS, Security, Safety, Haz Waste, Fac Engineering, Finance.

FOOTNOTES FOR SCREEN SEVEN
==========
FAC FAC DESCRIPTION UM NEW MILCON(UM) TOTAL COST($K),IF PROVIDED

RESPONDANTS RATIONALE

1721 Flight Simulator Facility sf 17000
Respondent's rationale: CCN 17135- New developmental facility in support of SPALT development, problem resolution, ordnance testing and equipment proofing.

2123 Missile/Launcher Maintenance Support Facility sf 10000
Respondent's rationale: CCN 21220- New maintenance shop in support of M250 refurbishment and support equipment machine work, Contractor admin space, electronics environmentally controlled storage. 50% facility to be environmentally controlled, 50% covered storage.

2126 Intercontinental Ballistic Missile Processing Facili sf 25000
Respondent's rationale: CCN 21250- New production building for Test Missile Kit production, Missile Checkout (C-MESSA mock-up), Service Unit Trainer, KDT fault isolation work. Special exhaust requirement; Crane required.# 57511, 57512, 62820

3121 Missile and Space RDT&E Facility sf 30000

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 1 - updated Milcon\Alt 1 - Patrick AFI
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

Respondent's rationale: CCN 31215, 31220- New facility for the testing of guidance and control systems including tactical FC system software testing, guidance calibration, labs and star sightings. Strict environmental requirements necessary, as well as special foundation, overhead cranes and stabilized power.

3191 Miscellaneous Item and Equipment RDT&E Facility sf 35000
Respondent's rationale: CCN 31915- New facility for environmentally controlled storage of contractor support equipment, flight test support equipment, DASO support equipment and MESSA equipment.

4421 Covered Storage Building, Installation sf 35000
Respondent's rationale: CCN 44110- New facility for general storage space to support NOTU and support contractors.

4423 Hazardous Materials Storage, Installation SF 2400
Respondent's rationale: CCN 44130- New facility for hazardous and flammable storage containing two bays for incompatible materials.

6100 General Administrative Building sf 60000
Respondent's rationale: CCN 61010- New admin space will be required to support the NOTU mission. This quantity of available admin space does not presently exist at NSB Kings Bay. Various antenna requirements, UPS, 10K SF of TS Storage space, video, surveillance, and alarm system. Requires secret links to SETA and GTB buildings. Must receive telemetry data from Eastern Range.

8521 Vehicle Parking, Surfaced sy 21000
Respondent's rationale: CCN 85210- New parking will be required at the site of the new NOTU Complex. The complex will be sited in an unimproved area.

8122 Exterior Lighting Lines lf 11000
Respondent's rationale: CCN 81220- New street and parking lot lighting for the NOTU Complex.

8511 Road, Surfaced sy 14000
Respondent's rationale: CCN 85110- New road to the NOTU Complex.

8522 Vehicle Parking, Unsurfaced SY 90000
Respondent's rationale: CCN 85235- New paved lay-down and staging areas for the NOTU Complex. Includes 60,000 SF for FTS Vans.

8321 Sewer and Industrial Waste Line lf 11000
Respondent's rationale: New wastewater utilities will be required to serve the NOTU Complex. New lift stations and forcemains will be required.

8421 Water Distribution Line, Potable lf 6000
Respondent's rationale: Major upgrades will be required to the SUBASE potable water systems. New water mains will be required to serve the new NOTU Complex.

8121 Electrical Power Distribution Line lf 15000
Respondent's rationale: New ductbank and cabling will be required to serve the NOTU Complex from Substation #1.

8121 Electrical Power Distribution Line lf 600
Respondent's rationale: The ARDM substation was removed when the ARDM-1 left Kings Bay. New power service to the ARDM can be fed from the existing Site 6 power system. New conduit, cable, breakers, and service hoods will be required. 8 circuits will be required.

8131 Electrical Power Substation and Switching KV 60000
Respondent's rationale: Electrical system upgrades will be required at

DCN:11673

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 1 - updated Milcon\Alt 1 - Patrick AFI
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

Sub-Station #1 to accommodate the NOTU Complex. A new generator will be added to Substation 1.

8121 Electrical Power Distribution Line LF 600
280 Respondent's rationale: The ARDM substation was removed when the ARDM-1 left Kings Bay. New power service to the ARDM can be fed from the existing Site 6 power system. New conduit, cable, breakers, and service hoods will be required. 8 circuits will be required.

DCN:11673

COBRA ECONOMIC IMPACT REPORT (COBRA v6.10)
Data As Of 7/1/2005 2:57:32 PM, Report Created 8/9/2005 12:42:12 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 1 - updated Milcon\Alt 1 - Patrick AFI
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

Patrick AFB, FL (SXHT)

	2006	2007	2008	2009	2010	2011	Total
Jobs Gained-Mil	0	0	0	0	0	0	0
Jobs Lost-Mil	0	0	45	0	0	91	136
NET CHANGE-Mil	0	0	-45	0	0	-91	-136
Jobs Gained-Civ	0	0	0	0	0	0	0
Jobs Lost-Civ	0	0	0	0	0	59	59
NET CHANGE-Civ	0	0	0	0	0	-59	-59
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

SUBASE KINGSBAY, GA (N42237)

	2006	2007	2008	2009	2010	2011	Total
Jobs Gained-Mil	0	0	45	0	0	55	100
Jobs Lost-Mil	0	0	0	0	0	0	0
NET CHANGE-Mil	0	0	45	0	0	55	100
Jobs Gained-Civ	0	0	0	0	0	22	22
Jobs Lost-Civ	0	0	0	0	0	0	0
NET CHANGE-Civ	0	0	0	0	0	22	22
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:11673

COBRA REALIGNMENT SUMMARY REPORT (COBRA v6.10) - Page 1/2
Data As Of 7/5/2005 1:46:04 PM, Report Created 8/9/2005 12:45:45 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 2 - updated Contrs\Alt 2 - Patrick AFB w
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

Starting Year : 2006
Final Year : 2011
Payback Year : 2019 (8 Years)

NPV in 2025($K): -54,974
1-Time Cost($K): 93,942

Net Costs in 2005 Constant Dollars ($K)

	2006	2007	2008	2009	2010	2011	Total	Beyond
MilCon	4,733	19,398	0	0	33,192	0	57,323	0
Person	0	0	-41	-41	-41	-2,237	-2,360	-6,001
Overhd	530	888	159	40	1,084	-6,270	-3,568	-7,424
Moving	0	0	53	0	0	9,531	9,584	0
Missio	0	0	0	0	0	42	42	42
Other	0	0	12,535	116	1,223	9,290	23,165	-14
TOTAL	5,263	20,287	12,706	116	35,459	10,356	84,187	-13,397

	2006	2007	2008	2009	2010	2011	Total
POSITIONS ELIMINATED							
Off	0	0	0	0	0	6	6
Enl	0	0	0	0	0	30	30
Civ	0	0	0	0	0	37	37
TOT	0	0	0	0	0	73	73
POSITIONS REALIGNED							
Off	0	0	5	0	0	8	13
Enl	0	0	40	0	0	47	87
Stu	0	0	0	0	0	0	0
Civ	0	0	0	0	0	22	22
TOT	0	0	45	0	0	77	122

Summary:

Source Data
1. TECH-0018,Part5 Response from DON, 15 Feb 2005.xls
2. TJCSG approved assumptions were not applied as directed by TJCSG, Navy Submit includes Navy Assumptions.

NPV results of 6.08 are $4081K greater than those of 6.07.

Data Standards

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* reassigned personnel + 150 • 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

DCN:11673

COBRA REALIGNMENT SUMMARY REPORT (COBRA v6.10) - Page 2/2
Data As Of 7/5/2005 1:46:04 PM, Report Created 8/9/2005 12:45:45 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 2 - updated Contrs\Alt 2 - Patrick AFB w
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

Costs in 2005 Constant Dollars ($K)

	2006	2007	2008	2009	2010	2011	Total	Beyond
MilCon	4,733	19,398	0	0	33,192	0	57,323	0
Person	0	0	223	223	223	1,424	2,095	501
Overhd	530	888	952	833	1,878	3,066	8,148	1,913
Moving	0	0	137	0	0	9,640	9,778	0
Missio	0	0	0	0	0	73,842	73,842	73,842
Other	0	0	12,535	116	1,496	9,563	23,711	259
TOTAL	5,263	20,287	13,848	1,173	36,790	97,536	174,897	76,515

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	264	264	264	3,662	4,455	6,503
Overhd	0	0	793	793	793	9,337	11,716	9,337
Moving	0	0	85	0	0	109	193	0
Missio	0	0	0	0	0	73,800	73,800	73,800
Other	0	0	0	0	273	273	546	273
TOTAL	0	0	1,142	1,057	1,330	87,180	90,710	89,912

DCN:11673

TOTAL COBRA ONE-TIME COST REPORT (COBRA v6.10) - Page 1/3
Data As Of 7/5/2005 1:46:04 PM, Report Created 8/9/2005 12:45:45 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 2 - updated Contrs\Alt 2 - Patrick AFB w
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

(All values in 2005 Constant Dollars)

Category	Cost	Sub-Total
Construction		
Military Construction	57,323,372	
Total - Construction		57,323,372
Personnel		
Civilian RIF	631,381	
Civilian Early Retirement	59,945	
Eliminated Military PCS	182,821	
Unemployment	48,961	
Total - Personnel		923,108
Overhead		
Program Management Cost	1,742,942	
Support Contract Termination	880,000	
Mothball / Shutdown	191,430	
Total - Overhead		2,814,372
Moving		
Civilian Moving	579,298	
Civilian PPP	283,968	
Military Moving	212,538	
Freight	1,093,471	
Information Technologies	108,400	
One-Time Moving Costs	7,500,000	
Total - Moving		9,777,675
Other		
HAP / RSE	369,401	
Environmental Mitigation Costs	140,000	
Mission Contract Startup and Termination	0	
One-Time Unique Costs	22,594,000	
Total - Other		23,103,401
Total One-Time Costs		93,941,927
One-Time Savings		
Military Construction Cost Avoidances	0	
Military Moving	193,503	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	
Total One-Time Savings		193,503
Total Net One-Time Costs		93,748,424

DCN:11673

COBRA ONE-TIME COST REPORT (COBRA v6.10) - Page 2/3
Data As Of 7/5/2005 1:46:04 PM, Report Created 8/9/2005 12:45:45 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 2 - updated Contrs\Alt 2 - Patrick AFB w
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

Base: Patrick AFB, FL (SXHT)
(All values in 2005 Constant Dollars)

Category	Cost	Sub-Total
Construction		
Military Construction	0	
Total - Construction		0
Personnel		
Civilian RIF	631,381	
Civilian Early Retirement	59,945	
Eliminated Military PCS	182,821	
Unemployment	48,961	
Total - Personnel		923,108
Overhead		
Program Management Cost	1,742,942	
Support Contract Termination	880,000	
Mothball / Shutdown	191,430	
Total - Overhead		2,814,372
Moving		
Civilian Moving	579,298	
Civilian PPP	283,968	
Military Moving	212,538	
Freight	1,093,471	
Information Technologies	24,400	
One-Time Moving Costs	0	
Total - Moving		2,193,675
Other		
HAP / RSE	369,401	
Environmental Mitigation Costs	0	
Mission Contract Startup and Termination	0	
One-Time Unique Costs	1,060,000	
Total - Other		1,429,401
Total One-Time Costs		7,360,556
One-Time Savings		
Military Construction Cost Avoidances	0	
Military Moving	193,503	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	
Total One-Time Savings		193,503
Total Net One-Time Costs		7,167,053

DCN:11673

COBRA ONE-TIME COST REPORT (COBRA v6.10) - Page 3/3
Data As Of 7/5/2005 1:46:04 PM, Report Created 8/9/2005 12:45:45 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 2 - updated Contrs\Alt 2 - Patrick AFB w
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

Base: SUBASE KINGSBAY, GA (N42237)
(All values in 2005 Constant Dollars)

Category	Cost	Sub-Total
Construction		
Military Construction	57,323,372	
Total - Construction		57,323,372
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	84,000	
One-Time Moving Costs	7,500,000	
Total - Moving		7,584,000
Other		
HAP / RSE	0	
Environmental Mitigation Costs	140,000	
Mission Contract Startup and Termination	0	
One-Time Unique Costs	21,534,000	
Total - Other		21,674,000
Total One-Time Costs		86,581,372
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		86,581,372

DCN:11673

TOTAL COBRA REALIGNMENT DETAIL REPORT (COBRA v6.10) - Page 1/9
Data As Of 7/5/2005 1:46:04 PM, Report Created 8/9/2005 12:45:45 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 2 - updated Contrs\Alt 2 - Patrick AFB w
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

ONE-TIME COSTS -----($K)-----	2006	2007	2008	2009	2010	2011	Total
CONSTRUCTION							
MILCON	4,733	19,398	0	0	33,192	0	57,323
O&M							
CIV SALARY							
Civ RIF	0	0	0	0	0	631	631
Civ Retire	0	0	0	0	0	60	60
CIV MOVING							
Per Diem	0	0	0	0	0	58	58
POV Miles	0	0	0	0	0	1	1
Home Purch	0	0	0	0	0	300	300
HHG	0	0	0	0	0	45	45
Misc	0	0	0	0	0	22	22
House Hunt	0	0	0	0	0	37	37
PPP	0	0	0	0	0	284	284
RITA	0	0	0	0	0	117	117
FREIGHT							
Packing	0	0	3	0	0	5	8
Freight	0	0	31	0	0	1,055	1,086
Vehicles	0	0	0	0	0	0	0
Unemployment	0	0	0	0	0	49	49
OTHER							
Info Tech	0	0	9	0	0	99	108
Prog Manage	530	397	298	224	168	126	1,743
Supt Contrac	0	0	0	0	0	880	880
Mothball	0	0	44	0	0	147	191
1-Time Move	0	0	0	0	0	7,500	7,500
MIL PERSONNEL							
MIL MOVING							
Per Diem	0	0	2	0	0	3	5
POV Miles	0	0	2	0	0	2	4
HHG	0	0	46	0	0	57	103
Misc	0	0	45	0	0	55	100
OTHER							
Elim PCS	0	0	0	0	0	183	183
OTHER							
HAP / RSE	0	0	59	0	0	310	369
Environmental	0	0	140	0	0	0	140
Misn Contract	0	0	0	0	0	0	0
1-Time Other	0	0	12,220	0	1,380	8,994	22,594
TOTAL ONE-TIME	5,263	19,796	12,899	224	34,740	21,021	93,942

DCN:11673

TOTAL COBRA REALIGNMENT DETAIL REPORT (COBRA v6.10) - Page 2/9
Data As Of 7/5/2005 1:46:04 PM, Report Created 8/9/2005 12:45:45 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 2 - updated Contrs\Alt 2 - Patrick AFB w
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

RECURRINGCOSTS	2006	2007	2008	2009	2010	2011	Total	Beyond
-----($K)-----	----	----	----	----	----	----	-----	------
O&M								
Sustainment	0	321	321	321	870	870	2,702	870
Recap	0	170	170	170	461	461	1,434	461
BOS	0	0	119	119	119	322	678	322
Civ Salary	0	0	0	0	0	0	0	0
TRICARE	0	0	116	116	116	259	608	259
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	223	223	223	501	1,172	501
OTHER								
Mission Activ	0	0	0	0	0	73,842	73,842	73,842
Misc Recur	0	0	0	0	260	260	520	260
TOTAL RECUR	0	491	950	950	2,050	76,515	80,955	76,515
TOTAL COST	5,263	20,287	13,848	1,173	36,790	97,536	174,897	76,515

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	85	0	0	109	193
OTHER							
Environmental	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0
TOTAL ONE-TIME	0	0	85	0	0	109	193

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	105	105	105	456	773	456
Recap	0	0	250	250	250	1,082	1,832	1,082
BOS	0	0	438	438	438	1,897	3,211	1,897
Civ Salary	0	0	0	0	0	1,230	1,230	2,460
MIL PERSONNEL								
Off Salary	0	0	0	0	0	375	375	750
Enl Salary	0	0	0	0	0	1,236	1,236	2,472
House Allow	0	0	264	264	264	820	1,614	820
OTHER								
Procurement	0	0	0	0	273	273	546	273
Mission Activ	0	0	0	0	0	73,800	73,800	73,800
Misc Recur	0	0	0	0	0	5,900	5,900	5,900
TOTAL RECUR	0	0	1,057	1,057	1,330	87,071	90,517	89,912
TOTAL SAVINGS	0	0	1,142	1,057	1,330	87,180	90,710	89,912

DCN:11673

TOTAL COBRA REALIGNMENT DETAIL REPORT (COBRA v6.10) - Page 3/9
Data As Of 7/5/2005 1:46:04 PM, Report Created 8/9/2005 12:45:45 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 2 - updated Contrs\Alt 2 - Patrick AFB w
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

ONE-TIME NET -----($K)-----	2006	2007	2008	2009	2010	2011	Total
CONSTRUCTION							
MILCON	4,733	19,398	0	0	33,192	0	57,323
O&M							
Civ Retir/RIF	0	0	0	0	0	691	691
Civ Moving	0	0	33	0	0	1,923	1,957
Info Tech	0	0	9	0	0	99	108
Other	530	397	342	224	168	8,702	10,363
MIL PERSONNEL							
Mil Moving	0	0	10	0	0	192	202
OTHER							
HAP / RSE	0	0	59	0	0	310	369
Environmental	0	0	140	0	0	0	140
Misn Contract	0	0	0	0	0	0	0
1-Time Other	0	0	12,220	0	1,380	8,994	22,594
TOTAL ONE-TIME	5,263	19,796	12,814	224	34,740	20,912	93,608

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	321	215	215	764	413	1,929	413
Recap	0	170	-79	-79	212	-621	-398	-621
BOS	0	0	-319	-319	-319	-1,576	-2,533	-1,576
Civ Salary	0	0	0	0	0	-1,230	-1,230	-2,460
TRICARE	0	0	116	116	116	259	608	259
MIL PERSONNEL								
Mil Salary	0	0	0	0	0	-1,611	-1,611	-3,222
House Allow	0	0	-41	-41	-41	-319	-442	-319
OTHER								
Procurement	0	0	0	0	-273	-273	-546	-273
Mission Activ	0	0	0	0	0	42	42	42
Misc Recur	0	0	0	0	260	-5,640	-5,380	-5,640
TOTAL RECUR	0	491	-108	-108	719	-10,556	-9,562	-13,397
TOTAL NET COST	5,263	20,287	12,706	116	35,459	10,356	84,187	-13,397

DCN:11673

COBRA REALIGNMENT DETAIL REPORT (COBRA v6.10) - Page 4/9
Data As Of 7/5/2005 1:46:04 PM, Report Created 8/9/2005 12:45:45 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 2 - updated Contrs\Alt 2 - Patrick AFB w
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

Base: Patrick AFB, FL (SXHT)

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	631	631
Civ Retire	0	0	0	0	0	60	60
CIV MOVING							
Per Diem	0	0	0	0	0	58	58
POV Miles	0	0	0	0	0	1	1
Home Purch	0	0	0	0	0	300	300
HHG	0	0	0	0	0	45	45
Misc	0	0	0	0	0	22	22
House Hunt	0	0	0	0	0	37	37
PPP	0	0	0	0	0	284	284
RITA	0	0	0	0	0	117	117
FREIGHT							
Packing	0	0	3	0	0	5	8
Freight	0	0	31	0	0	1,055	1,086
Vehicles	0	0	0	0	0	0	0
Unemployment	0	0	0	0	0	49	49
OTHER							
Info Tech	0	0	9	0	0	15	24
Prog Manage	530	397	298	224	168	126	1,743
Supt Contrac	0	0	0	0	0	880	880
Mothball	0	0	44	0	0	147	191
1-Time Move	0	0	0	0	0	0	0
MIL PERSONNEL							
MIL MOVING							
Per Diem	0	0	2	0	0	3	5
POV Miles	0	0	2	0	0	2	4
HHG	0	0	46	0	0	57	103
Misc	0	0	45	0	0	55	100
OTHER							
Elim PCS	0	0	0	0	0	183	183
OTHER							
HAP / RSE	0	0	59	0	0	310	369
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	1,060	1,060
TOTAL ONE-TIME	530	397	539	224	168	5,503	7,360

DCN:11673

COBRA REALIGNMENT DETAIL REPORT (COBRA v6.10) - Page 5/9
Data As Of 7/5/2005 1:46:04 PM, Report Created 8/9/2005 12:45:45 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 2 - updated Contrs\Alt 2 - Patrick AFB w
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

Base: Patrick AFB, FL (SXHT)

RECURRINGCOSTS -----($K)-----	2006	2007	2008	2009	2010	2011	Total	Beyond
O&M								
Sustainment	0	0	0	0	0	0	0	0
Recap	0	0	0	0	0	0	0	0
BOS	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	42	42	42
Misc Recur	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	0	0	0	42	42	42
TOTAL COSTS	530	397	539	224	168	5,545	7,402	42

ONE-TIME SAVES -----($K)-----	2006	2007	2008	2009	2010	2011	Total
CONSTRUCTION							
MILCON	0	0	0	0	0	0	0
O&M							
1-Time Move	0	0	0	0	0	0	0
MIL PERSONNEL							
Mil Moving	0	0	85	0	0	109	193
OTHER							
Environmental	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0
TOTAL ONE-TIME	0	0	85	0	0	109	193

RECURRINGSAVES -----($K)-----	2006	2007	2008	2009	2010	2011	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
Sustainment	0	0	105	105	105	456	773	456
Recap	0	0	250	250	250	1,082	1,832	1,082
BOS	0	0	438	438	438	1,897	3,211	1,897
Civ Salary	0	0	0	0	0	1,230	1,230	2,460
MIL PERSONNEL								
Off Salary	0	0	0	0	0	375	375	750
Enl Salary	0	0	0	0	0	1,236	1,236	2,472
House Allow	0	0	264	264	264	820	1,614	820
OTHER								
Procurement	0	0	0	0	273	273	546	273
Mission Activ	0	0	0	0	0	73,800	73,800	73,800
Misc Recur	0	0	0	0	0	1,900	1,900	1,900
TOTAL RECUR	0	0	1,057	1,057	1,330	83,071	86,517	85,912
TOTAL SAVINGS	0	0	1,142	1,057	1,330	83,180	86,710	85,912

DCN:11673

COBRA REALIGNMENT DETAIL REPORT (COBRA v6.10) - Page 6/9
Data As Of 7/5/2005 1:46:04 PM, Report Created 8/9/2005 12:45:45 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 2 - updated Contrs\Alt 2 - Patrick AFB w
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

Base: Patrick AFB, FL (SXHT)

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	0	0	0	691	691
Civ Moving	0	0	33	0	0	1,923	1,957
Info Tech	0	0	9	0	0	15	24
Other	530	397	342	224	168	1,202	2,863
MIL PERSONNEL							
Mil Moving	0	0	10	0	0	192	202
OTHER							
HAP / RSE	0	0	59	0	0	310	369
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	1,060	1,060
TOTAL ONE-TIME	530	397	454	224	168	5,394	7,167

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	-105	-105	-105	-456	-773	-456
Recap	0	0	-250	-250	-250	-1,082	-1,832	-1,082
BOS	0	0	-438	-438	-438	-1,897	-3,211	-1,897
Civ Salary	0	0	0	0	0	-1,230	-1,230	-2,460
TRICARE	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Salary	0	0	0	0	0	-1,611	-1,611	-3,222
House Allow	0	0	-264	-264	-264	-820	-1,614	-820
OTHER								
Procurement	0	0	0	0	-273	-273	-546	-273
Mission Activ	0	0	0	0	0	-73,758	-73,758	-73,758
Misc Recur	0	0	0	0	0	-1,900	-1,900	-1,900
TOTAL RECUR	0	0	-1,057	-1,057	-1,330	-83,029	-86,475	-85,870
TOTAL NET COST	530	397	-604	-834	-1,163	-77,635	-79,308	-85,870

DCN:11673

Data As Of 7/5/2005 1:46:04 PM, Report Created 8/9/2005 12:45:45 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 2 - updated Contrs\Alt 2 - Patrick AFB w
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

Base: SUBASE KINGSBAY, GA (N42237)

ONE-TIME COSTS	2006	2007	2008	2009	2010	2011	Total
-----($K)-----	----	----	----	----	----	----	-----
CONSTRUCTION							
MILCON	4,733	19,398	0	0	33,192	0	57,323
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	84	84
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	7,500	7,500
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	140	0	0	0	140
Misn Contract	0	0	0	0	0	0	0
1-Time Other	0	0	12,220	0	1,380	7,934	21,534
TOTAL ONE-TIME	4,733	19,398	12,360	0	34,572	15,518	86,581

DCN:11673

COBRA REALIGNMENT DETAIL REPORT (COBRA v6.10) - Page 8/9
Data As Of 7/5/2005 1:46:04 PM, Report Created 8/9/2005 12:45:45 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 2 - updated Contrs\Alt 2 - Patrick AFB w
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

Base: SUBASE KINGSBAY, GA (N42237)

RECURRINGCOSTS -----($K)-----	2006	2007	2008	2009	2010	2011	Total	Beyond
O&M								
Sustainment	0	321	321	321	870	870	2,702	870
Recap	0	170	170	170	461	461	1,434	461
BOS	0	0	119	119	119	322	678	322
Civ Salary	0	0	0	0	0	0	0	0
TRICARE	0	0	116	116	116	259	608	259
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	223	223	223	501	1,172	501
OTHER								
Mission Activ	0	0	0	0	0	73,800	73,800	73,800
Misc Recur	0	0	0	0	260	260	520	260
TOTAL RECUR	0	491	950	950	2,050	76,473	80,913	76,473
TOTAL COSTS	4,733	19,889	13,310	950	36,622	91,991	167,494	76,473

ONE-TIME SAVES -----($K)-----	2006	2007	2008	2009	2010	2011	Total
CONSTRUCTION							
MILCON	0	0	0	0	0	0	0
O&M							
1-Time Move	0	0	0	0	0	0	0
MIL PERSONNEL							
Mil Moving	0	0	0	0	0	0	0
OTHER							
Environmental	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0
TOTAL ONE-TIME	0	0	0	0	0	0	0

RECURRINGSAVES -----($K)-----	2006	2007	2008	2009	2010	2011	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
Sustainment	0	0	0	0	0	0	0	0
Recap	0	0	0	0	0	0	0	0
BOS	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	4,000	4,000	4,000
TOTAL RECUR	0	0	0	0	0	4,000	4,000	4,000
TOTAL SAVINGS	0	0	0	0	0	4,000	4,000	4,000

DCN:11673

COBRA REALIGNMENT DETAIL REPORT (COBRA v6.10) - Page 9/9
Data As Of 7/5/2005 1:46:04 PM, Report Created 8/9/2005 12:45:45 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 2 - updated Contrs\Alt 2 - Patrick AFB w
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

Base: SUBASE KINGSBAY, GA (N42237)

ONE-TIME NET -----($K)-----	2006	2007	2008	2009	2010	2011	Total
CONSTRUCTION							
MILCON	4,733	19,398	0	0	33,192	0	57,323
O&M							
Civ Retir/RIF	0	0	0	0	0	0	0
Civ Moving	0	0	0	0	0	0	0
Info Tech	0	0	0	0	0	84	84
Other	0	0	0	0	0	7,500	7,500
MIL PERSONNEL							
Mil Moving	0	0	0	0	0	0	0
OTHER							
HAP / RSE	0	0	0	0	0	0	0
Environmental	0	0	140	0	0	0	140
Misn Contract	0	0	0	0	0	0	0
1-Time Other	0	0	12,220	0	1,380	7,934	21,534
TOTAL ONE-TIME	4,733	19,398	12,360	0	34,572	15,518	86,581

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	321	321	321	870	870	2,702	870
Recap	0	170	170	170	461	461	1,434	461
BOS	0	0	119	119	119	322	678	322
Civ Salary	0	0	0	0	0	0	0	0
TRICARE	0	0	116	116	116	259	608	259
MIL PERSONNEL								
Mil Salary	0	0	0	0	0	0	0	0
House Allow	0	0	223	223	223	501	1,172	501
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission Activ	0	0	0	0	0	73,800	73,800	73,800
Misc Recur	0	0	0	0	260	-3,740	-3,480	-3,740
TOTAL RECUR	0	491	950	950	2,050	72,473	76,913	72,473
TOTAL NET COST	4,733	19,889	13,310	950	36,622	87,991	163,494	72,473

DCN:11673

COBRA PERSONNEL/SF/SUSTAINMENT/RECAP/BOS DELTAS REPORT (COBRA v6.10)
Data As Of 7/5/2005 1:46:04 PM, Report Created 8/9/2005 12:45:45 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 2 - updated Contrs\Alt 2 - Patrick AFB w
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

Personnel

Base	Start*	Finish*	Change	%Change
Patrick AFB	3,485	3,290	-195	-6%
SUBASE KINGSBAY	9,742	9,864	122	1%
TOTAL	13,227	13,154	-73	-1%

Square Footage

Base	Start	Finish	Change	%Change	Chg/Per
Patrick AFB	3,211,000	2,785,600	-425,400	-13%	2,181
SUBASE KINGSBAY	5,627,214	5,841,614	214,400	4%	1,757
TOTAL	8,838,214	8,627,214	-211,000	-2%	2,890

Base Operations Support (2005$)

Base	Start*	Finish*	Change	%Change	Chg/Per
Patrick AFB	63,415,446	61,517,945	-1,897,501	-3%	9,731
SUBASE KINGSBAY	49,112,951	49,434,727	321,775	1%	2,637
TOTAL	112,528,397	110,952,672	-1,575,725	-1%	21,585

Sustainment (2005$)

Base	Start	Finish	Change	%Change	Chg/Per
Patrick AFB	3,446,198	2,989,638	-456,559	-13%	2,341
SUBASE KINGSBAY	29,563,718	30,433,426	869,708	3%	7,129
TOTAL	33,009,916	33,423,064	413,148	1%	-5,659

Recapitalization (2005$)

Base	Start	Finish	Change	%Change	Chg/Per
Patrick AFB	8,171,339	7,088,783	-1,082,556	-13%	5,551
SUBASE KINGSBAY	15,834,553	16,296,074	461,521	3%	3,783
TOTAL	24,005,892	23,384,857	-621,035	-3%	8,507

Sustain + Recap + BOS (2005$)

Base	Start	Finish	Change	%Change	Chg/Per
Patrick AFB	75,032,983	71,596,367	-3,436,616	-5%	17,624
SUBASE KINGSBAY	94,511,223	96,164,226	1,653,004	2%	13,549
TOTAL	169,544,206	167,760,593	-1,783,612	-1%	24,433

Plant Replacement Value (2005$)

Base	Start	Finish	Change	%Change	Chg/Per
Patrick AFB	988,732,050	857,742,759	-130,989,291	-13%	671,740
SUBASE KINGSBAY	1,805,139,069	1,857,752,437	52,613,368	3%	431,257
TOTAL	2,793,871,119	2,715,495,196	-78,375,923	-3%	1,073,643

DCN:11673

COBRA PERSONNEL/SF/SUSTAINMENT/RECAP/BOS DELTAS REPORT (COBRA v6.10) - Page 2
Data As Of 7/5/2005 1:46:04 PM, Report Created 8/9/2005 12:45:45 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 2 - updated Contrs\Alt 2 - Patrick AFB w
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

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

DCN:11673

TOTAL COBRA MILITARY CONSTRUCTION ASSETS REPORT (COBRA v6.10)
Data As Of 7/5/2005 1:46:04 PM, Report Created 8/9/2005 12:45:45 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 2 - updated Contrs\Alt 2 - Patrick AFB w
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

All values in 2005 Constant Dollars

Base Name	Total MilCon*	Milcon Cost Avoidence	Total Net Costs
Patrick AFB	0	0	0
SUBASE KINGSBAY	57,323,372	0	57,323,372
Totals:	57,323,372	0	57,323,372

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

DCN:11673

COBRA MILITARY CONSTRUCTION ASSETS REPORT (COBRA v6.10) - Page 2
Data As Of 7/5/2005 1:46:04 PM, Report Created 8/9/2005 12:45:45 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 2 - updated Contrs\Alt 2 - Patrick AFB w
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

MilCon for Base: SUBASE KINGSBAY, GA (N42237)

All values in 2005 Constant Dollars ($K)

FAC	Title	UM	New MilCon	New Cost*	Using Rehab	Rehab Type	Rehab Cost*	Total Cost*
1721	Flight Simulator Facility	SF	17,000	3,784	0	Default	0	3,784
2123	Missile/Launcher Maintenance Support Faci	SF	10,000	2,023	0	Default	0	2,023
2126	Intercontinental Ballistic Missile Proces	SF	25,000	11,828	0	Default	0	11,828
3121	Missile and Space RDT&E Facility	SF	30,000	10,810	0	Default	0	10,810
3191	Miscellaneous Item and Equipment RDT&E Fa	SF	35,000	6,236	0	Default	0	6,236
4421	Covered Storage Building, Installation	SF	35,000	3,222	0	Default	0	3,222
4423	Hazardous Materials Storage, Installation	SF	2,400	356	0	Default	0	356
6100	General Administrative Building	SF	60,000	10,049	0	Default	0	10,049
8521	Vehicle Parking, Surfaced	SY	21,000	1,156	0	Default	0	1,156
8122	Exterior Lighting Lines	LF	11,000	146	0	Default	0	146
8511	Road, Surfaced	SY	14,000	374	0	Default	0	374
8522	Vehicle Parking, Unsurfaced	SY	90,000	730	0	Default	0	730
8321	Sewer and Industrial Waste Line	LF	11,000	680	0	Default	0	680
8421	Water Distribution Line, Potable	LF	6,000	281	0	Default	0	281
8121	Electrical Power Distribution Line	LF	15,000	574	0	Default	0	574
8121	Electrical Power Distribution Line	LF	600	23	0	Default	0	23
8131	Electrical Power Substation and Switching	KV	60,000	4,772	0	Default	0	4,772
8121	Electrical Power Distribution Line	LF	600	n/a**	0	Default	n/a**	280

Total Construction Cost:	57,323
- Construction Cost Avoid:	0
Total Net Milcon Cost:	57,323

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

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

DCN:11673

COBRA NET PRESENT VALUES REPORT (COBRA v6.10)
Data As Of 7/5/2005 1:46:04 PM, Report Created 8/9/2005 12:45:45 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 2 - updated Contrs\Alt 2 - Patrick AFB w
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

Year	Cost($)	Adjusted Cost($)	NPV($)
2006	5,263,200	5,191,028	5,191,028
2007	20,286,628	19,463,467	24,654,494
2008	12,706,014	11,858,412	36,512,907
2009	115,766	105,100	36,618,007
2010	35,459,267	31,315,600	67,933,608
2011	10,355,774	8,896,525	76,830,133
2012	-13,397,475	-11,196,125	65,634,008
2013	-13,397,475	-10,891,172	54,742,836
2014	-13,397,475	-10,594,525	44,148,311
2015	-13,397,475	-10,305,958	33,842,353
2016	-13,397,475	-10,025,251	23,817,101
2017	-13,397,475	-9,752,190	14,064,911
2018	-13,397,475	-9,486,566	4,578,345
2019	-13,397,475	-9,228,177	-4,649,832
2020	-13,397,475	-8,976,826	-13,626,658
2021	-13,397,475	-8,732,321	-22,358,979
2022	-13,397,475	-8,494,476	-30,853,455
2023	-13,397,475	-8,263,109	-39,116,563
2024	-13,397,475	-8,038,043	-47,154,607
2025	-13,397,475	-7,819,108	-54,973,715

DCN:11673

TOTAL COBRA PERSONNEL IMPACT REPORT (COBRA v6.10) - Page 1/3
Data As Of 7/5/2005 1:46:04 PM, Report Created 8/9/2005 12:45:45 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 2 - updated Contrs\Alt 2 - Patrick AFB w
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

	Rate	2006	2007	2008	2009	2010	2011	Total
CIVILIAN POSITIONS REALIGNING OUT		0	0	0	0	0	22	22
Early Retirement*	8.10%	0	0	0	0	0	2	2
Regular Retirement*	1.67%	0	0	0	0	0	0	0
Civilian Turnover*	9.16%	0	0	0	0	0	2	2
Civs Not Moving (RIFs)*	6.00%	0	0	0	0	0	1	1
Civilians Moving (the remainder)		0	0	0	0	0	17	17
Civilian Positions Available		0	0	0	0	0	5	5
CIVILIAN POSITIONS ELIMINATED		0	0	0	0	0	37	37
Early Retirement	8.10%	0	0	0	0	0	3	3
Regular Retirement	1.67%	0	0	0	0	0	1	1
Civilian Turnover	9.16%	0	0	0	0	0	3	3
Civs Not Moving (RIFs)*	6.00%	0	0	0	0	0	2	2
Priority Placement#	39.97%	0	0	0	0	0	15	15
Civilians Available to Move		0	0	0	0	0	13	13
Civilians Moving		0	0	0	0	0	5	5
Civilian RIFs (the remainder)		0	0	0	0	0	8	8
CIVILIAN POSITIONS REALIGNING IN		0	0	0	0	0	22	22
Civilians Moving		0	0	0	0	0	22	22
New Civilians Hired		0	0	0	0	0	0	0
Other Civilian Additions		0	0	0	0	0	0	0
TOTAL CIVILIAN EARLY RETIREMENTS		0	0	0	0	0	5	5
TOTAL CIVILIAN RIFS		0	0	0	0	0	11	11
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	0	0	0	0	15	15
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%

DCN:11673

COBRA PERSONNEL IMPACT REPORT (COBRA v6.10) - Page 2/3
Data As Of 7/5/2005 1:46:04 PM, Report Created 8/9/2005 12:45:45 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 2 - updated Contrs\Alt 2 - Patrick AFB w
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

Base: Patrick AFB, FL (SXHT)	Rate	2006	2007	2008	2009	2010	2011	Total
CIVILIAN POSITIONS REALIGNING OUT		0	0	0	0	0	22	22
Early Retirement*	8.10%	0	0	0	0	0	2	2
Regular Retirement*	1.67%	0	0	0	0	0	0	0
Civilian Turnover*	9.16%	0	0	0	0	0	2	2
Civs Not Moving (RIFs)*	6.00%	0	0	0	0	0	1	1
Civilians Moving (the remainder)		0	0	0	0	0	17	17
Civilian Positions Available		0	0	0	0	0	5	5
CIVILIAN POSITIONS ELIMINATED		0	0	0	0	0	37	37
Early Retirement	8.10%	0	0	0	0	0	3	3
Regular Retirement	1.67%	0	0	0	0	0	1	1
Civilian Turnover	9.16%	0	0	0	0	0	3	3
Civs Not Moving (RIFs)*	6.00%	0	0	0	0	0	2	2
Priority Placement#	39.97%	0	0	0	0	0	15	15
Civilians Available to Move		0	0	0	0	0	13	13
Civilians Moving		0	0	0	0	0	5	5
Civilian RIFs (the remainder)		0	0	0	0	0	8	8
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	0	0	5	5
TOTAL CIVILIAN RIFS		0	0	0	0	0	11	11
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	0	0	0	0	15	15
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%

DCN:11673

COBRA PERSONNEL IMPACT REPORT (COBRA v6.10) - Page 3/3
Data As Of 7/5/2005 1:46:04 PM, Report Created 8/9/2005 12:45:45 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 2 - updated Contrs\Alt 2 - Patrick AFB w
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

Base: SUBASE KINGSBAY, GA (N42237)	Rate	2006	2007	2008	2009	2010	2011	Total
CIVILIAN POSITIONS REALIGNING OUT		0	0	0	0	0	0	0
Early Retirement*	8.10%	0	0	0	0	0	0	0
Regular Retirement*	1.67%	0	0	0	0	0	0	0
Civilian Turnover*	9.16%	0	0	0	0	0	0	0
Civs Not Moving (RIFs)*	6.00%	0	0	0	0	0	0	0
Civilians Moving (the remainder)		0	0	0	0	0	0	0
Civilian Positions Available		0	0	0	0	0	0	0
CIVILIAN POSITIONS ELIMINATED		0	0	0	0	0	0	0
Early Retirement	8.10%	0	0	0	0	0	0	0
Regular Retirement	1.67%	0	0	0	0	0	0	0
Civilian Turnover	9.16%	0	0	0	0	0	0	0
Civs Not Moving (RIFs)*	6.00%	0	0	0	0	0	0	0
Priority Placement#	39.97%	0	0	0	0	0	0	0
Civilians Available to Move		0	0	0	0	0	0	0
Civilians Moving		0	0	0	0	0	0	0
Civilian RIFs (the remainder)		0	0	0	0	0	0	0
CIVILIAN POSITIONS REALIGNING IN		0	0	0	0	0	22	22
Civilians Moving		0	0	0	0	0	22	22
New Civilians Hired		0	0	0	0	0	0	0
Other Civilian Additions		0	0	0	0	0	0	0
TOTAL CIVILIAN EARLY RETIRMENTS		0	0	0	0	0	0	0
TOTAL CIVILIAN RIFS		0	0	0	0	0	0	0
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	0	0	0	0	0	0
TOTAL CIVILIAN NEW HIRES		0	0	0	0	0	0	0

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

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

DCN:11673

COBRA PERSONNEL YEARLY PERCENTAGES REPORT (COBRA v6.10)
Data As Of 7/5/2005 1:46:04 PM, Report Created 8/9/2005 12:45:45 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 2 - updated Contrs\Alt 2 - Patrick AFB w
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

Base: Patrick AFB, FL (SXHT)

	Pers Moved In/Added		MilCon	Pers Moved Out/Eliminated		ShutDn
Year	Total	Percent	TimePhase	Total	Percent	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%	45	23.08%	23.08%
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%	150	76.92%	76.92%
TOTALS	0	0.00%	100.00%	195	100.00%	100.00%

Base: SUBASE KINGSBAY, GA (N42237)

	Pers Moved In/Added		MilCon	Pers Moved Out/Eliminated		ShutDn
Year	Total	Percent	TimePhase	Total	Percent	TimePhase
2006	0	0.00%	0.00%	0	0.00%	16.67%
2007	0	0.00%	36.89%	0	0.00%	16.67%
2008	45	36.89%	0.00%	0	0.00%	16.67%
2009	0	0.00%	0.00%	0	0.00%	16.67%
2010	0	0.00%	63.11%	0	0.00%	16.67%
2011	77	63.11%	0.00%	0	0.00%	16.67%
TOTALS	122	100.00%	100.00%	0	0.00%	100.00%

DCN:11673

COBRA TOTAL PERSONNEL SUMMARY REPORT (COBRA v6.10)
Data As Of 7/5/2005 1:46:04 PM, Report Created 8/9/2005 12:45:45 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 2 - updated Contrs\Alt 2 - Patrick AFB w
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

TOTAL SCENARIO POPULATION (FY 2005):

Officers	Enlisted	Students	Civilians
1,154	6,981	300	4,821

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

	2006	2007	2008	2009	2010	2011	Total
Officers	3	0	0	0	0	0	3
Enlisted	-9	-1	0	0	0	0	-10
Students	0	0	0	0	0	0	0
Civilians	-5	-9	-2	-2	-4	0	-22
TOTAL	-11	-10	-2	-2	-4	0	-29

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

Officers	Enlisted	Students	Civilians
1,157	6,971	300	4,799

TOTAL PERSONNEL REALIGNMENTS, ENTIRE SCENARIO):

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	5	0	0	8	13
Enlisted	0	0	40	0	0	47	87
Students	0	0	0	0	0	0	0
Civilians	0	0	0	0	0	22	22
TOTAL	0	0	45	0	0	77	122

TOTAL SCENARIO POSITION CHANGES, ENTIRE SCENARIO:

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	0	-6	-6
Enlisted	0	0	0	0	0	-30	-30
Civilians	0	0	0	0	0	-37	-37
TOTAL	0	0	0	0	0	-73	-73

TOTAL SCENARIO POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
1,151	6,941	300	4,762

DCN:11673

COBRA PERSONNEL SUMMARY REPORT (COBRA v6.10) - Page 2
Data As Of 7/5/2005 1:46:04 PM, Report Created 8/9/2005 12:45:45 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 2 - updated Contrs\Alt 2 - Patrick AFB w
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

PERSONNEL SUMMARY FOR: Patrick AFB, FL (SXHT)

BASE POPULATION (FY 2005, Prior to BRAC Action) FOR: Patrick AFB, FL (SXHT)

Officers	Enlisted	Students	Civilians
477	1,256	0	1,752

PERSONNEL REALIGNMENTS:
To Base: SUBASE KINGSBAY, GA (N42237)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	5	0	0	8	13
Enlisted	0	0	40	0	0	47	87
Students	0	0	0	0	0	0	0
Civilians	0	0	0	0	0	22	22
TOTAL	0	0	45	0	0	77	122

TOTAL PERSONNEL REALIGNMENTS (Out of Patrick AFB, FL (SXHT)):

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	5	0	0	8	13
Enlisted	0	0	40	0	0	47	87
Students	0	0	0	0	0	0	0
Civilians	0	0	0	0	0	22	22
TOTAL	0	0	45	0	0	77	122

SCENARIO POSITION CHANGES FOR: Patrick AFB, FL (SXHT)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	0	-6	-6
Enlisted	0	0	0	0	0	-30	-30
Civilians	0	0	0	0	0	-37	-37
TOTAL	0	0	0	0	0	-73	-73

BASE POPULATION (After BRAC Action) FOR: Patrick AFB, FL (SXHT)

Officers	Enlisted	Students	Civilians
458	1,139	0	1,693

PERSONNEL SUMMARY FOR: SUBASE KINGSBAY, GA (N42237)

BASE POPULATION (FY 2005):

Officers	Enlisted	Students	Civilians
677	5,725	300	3,069

PROGRAMMED INSTALLATION (NON-BRAC) CHANGES FOR: SUBASE KINGSBAY, GA (N42237)

	2006	2007	2008	2009	2010	2011	Total
Officers	3	0	0	0	0	0	3
Enlisted	-9	-1	0	0	0	0	-10
Students	0	0	0	0	0	0	0
Civilians	-5	-9	-2	-2	-4	0	-22
TOTAL	-11	-10	-2	-2	-4	0	-29

BASE POPULATION (Prior to BRAC Action) FOR: SUBASE KINGSBAY, GA (N42237)

Officers	Enlisted	Students	Civilians
680	5,715	300	3,047

DCN:11673

COBRA PERSONNEL SUMMARY REPORT (COBRA v6.10) - Page 3
Data As Of 7/5/2005 1:46:04 PM, Report Created 8/9/2005 12:45:45 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 2 - updated Contrs\Alt 2 - Patrick AFB w
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA.6.10 April 21 2005\BRAC2005.SFF

PERSONNEL REALIGNMENTS:
From Base: Patrick AFB, FL (SXHT)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	5	0	0	8	13
Enlisted	0	0	40	0	0	47	87
Students	0	0	0	0	0	0	0
Civilians	0	0	0	0	0	22	22
TOTAL	0	0	45	0	0	77	122

TOTAL PERSONNEL REALIGNMENTS (Into SUBASE KINGSBAY, GA (N42237)):

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	5	0	0	8	13
Enlisted	0	0	40	0	0	47	87
Students	0	0	0	0	0	0	0
Civilians	0	0	0	0	0	22	22
TOTAL	0	0	45	0	0	77	122

BASE POPULATION (After BRAC Action) FOR: SUBASE KINGSBAY, GA (N42237)

Officers	Enlisted	Students	Civilians
693	5,802	300	3,069

DCN:11673

COBRA SUSTAINMENT/RECAP/BOS/HOUSING CHANGE REPORT (COBRA v6.10)
Data As Of 7/5/2005 1:46:04 PM, Report Created 8/9/2005 12:45:45 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 2 - updated Contrs\Alt 2 - Patrick AFB w
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

Net Change($K)	2006	2007	2008	2009	2010	2011	Total	Beyond
Sustain Change	0	321	215	215	764	413	1,929	413
Recap Change	0	170	-79	-79	212	-621	-398	-621
BOS Change	0	0	-319	-319	-319	-1,576	-2,533	-1,576
Housing Change	0	0	0	0	0	0	0	0
TOTAL CHANGES	0	491	-183	-183	657	-1,784	-1,002	-1,784

Patrick AFB, FL (SXHT)

Net Change($K)	2006	2007	2008	2009	2010	2011	Total	Beyond
Sustain Change	0	0	-105	-105	-105	-456	-773	-456
Recap Change	0	0	-250	-250	-250	-1,082	-1,832	-1,082
BOS Change	0	0	-438	-438	-438	-1,897	-3,211	-1,897
Housing Change	0	0	0	0	0	0	0	0
TOTAL CHANGES	0	0	-793	-793	-793	-3,437	-5,816	-3,437

SUBASE KINGSBAY, GA (N42237)

Net Change($K)	2006	2007	2008	2009	2010	2011	Total	Beyond
Sustain Change	0	321	321	321	870	870	2,702	870
Recap Change	0	170	170	170	461	461	1,434	461
BOS Change	0	0	119	119	119	322	678	322
Housing Change	0	0	0	0	0	0	0	0
TOTAL CHANGES	0	491	610	610	1,450	1,653	4,813	1,653

DCN:11673

COBRA INPUT DATA REPORT (COBRA v6.10)
Data As Of 7/5/2005 1:46:04 PM, Report Created 8/9/2005 12:45:45 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 2 - updated Contrs\Alt 2 - Patrick AFB w
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\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:
Patrick AFB, FL (SXHT)	Realignment
SUBASE KINGSBAY, GA (N42237)	Realignment

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

Point A:	Point B:	Distance:
Patrick AFB, FL (SXHT)	SUBASE KINGSBAY, GA (N42237)	209 mi

INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from Patrick AFB, FL (SXHT) to SUBASE KINGSBAY, GA (N42237)

	2006	2007	2008	2009	2010	2011
Officer Positions:	0	0	5	0	0	8
Enlisted Positions:	0	0	40	0	0	47
Civilian Positions:	0	0	0	0	0	22
Student Positions:	0	0	0	0	0	0
NonVeh Missn Eqpt(tons):	0	0	26	0	0	4,000
Suppt Eqpt (tons):	0	0	30	0	0	400
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: Patrick AFB, FL (SXHT)

Total Officer Employees:	477	Base Service (for BOS/Sust):	Air Force
Total Enlisted Employees:	1,256	Total Sustainment($K/Year):	14,285
Total Student Employees:	0	Sustain Payroll ($K/Year):	10,839
Total Civilian Employees:	1,752	BOS Non-Payroll ($K/Year):	63,415
Accomp Mil not Receiving BAH:	28.5%	BOS Payroll ($K/Year):	31,319
Officer Housing Units Avail:	0	Family Housing ($K/Year):	10,907
Enlisted Housing Units Avail:	0	Installation PRV($K):	988,732
Starting Facilities(KSF):	3,211	Svc/Agcy Recap Rate (Years):	121
Officer BAH ($/Month):	1,381	Homeowner Assistance Program:	Yes
Enlisted BAH ($/Month):	942		
Civ Locality Pay Factor:	1.109		
Area Cost Factor:	0.97		
Per Diem Rate ($/Day):	144		
Freight Cost ($/Ton/Mile):	0.24		
Vehicle Cost ($/Lift/Mile):	4.84		
Latitude:	28.235042		
Longitude:	-80.607996		

TRICARE	In-Pat Admits	Out-Pat Visits	Prescrip
CostFactor	5,468.69	114.00	20.07
Actv MTF	0	37,296	53,260
Actv Purch	635	35,595	
Retiree	0	29,768	201,103
Retiree65+	0	3,431	385,793

DCN:11673

COBRA INPUT DATA REPORT (COBRA v6.10) - Page 2
Data As Of 7/5/2005 1:46:04 PM, Report Created 8/9/2005 12:45:45 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 2 - updated Contrs\Alt 2 - Patrick AFB w
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: SUBASE KINGSBAY, GA (N42237)

Total Officer Employees:	677	Base Service (for BOS/Sust):	Navy
Total Enlisted Employees:	5,725	Total Sustainment($K/Year):	30,299
Total Student Employees:	300	Sustain Payroll ($K/Year):	735
Total Civilian Employees:	3,069	BOS Non-Payroll ($K/Year):	49,189
Accomp Mil not Receiving BAH:	96.8%	BOS Payroll ($K/Year):	10,453
Officer Housing Units Avail:	1	Family Housing ($K/Year):	3,996
Enlisted Housing Units Avail:	8	Installation PRV($K):	1,805,139
Starting Facilities(KSF):	5,627	Svc/Agcy Recap Rate (Years):	114
Officer BAH ($/Month):	874	Homeowner Assistance Program:	Yes
Enlisted BAH ($/Month):	688		
Civ Locality Pay Factor:	1.109		
Area Cost Factor:	0.99		
Per Diem Rate ($/Day):	86		
Freight Cost ($/Ton/Mile):	0.25		
Vehicle Cost ($/Lift/Mile):	4.84		
Latitude:	30.480000		
Longitude:	-81.410000		

TRICARE	In-Pat Admits	Out-Pat Visits	Prescrip
CostFactor	6,521.00	108.00	23.66
Actv MTF	0	55,690	74,917
Actv Purch	1,102	69,712	
Retiree	0	9,433	44,138
Retiree65+	0	159	19,837

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: Patrick AFB, FL (SXHT)

	2006	2007	2008	2009	2010	2011
1-Time Unique Cost ($K):	0	0	0	0	0	1,060
1-Time Unique Save ($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	42
Activ Mission Save ($K):	0	0	0	0	0	73,800
Misn Contract Start($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	880
Misc Recurring Cost($K):	0	0	0	0	0	0
Misc Recurring Save($K):	0	0	0	0	0	1,900
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	273	273

MTF Closure Action: None Fac ShDn(KSF): 425 FH ShDn: 0.000%

DCN:11673

COBRA INPUT DATA REPORT (COBRA v6.10) - Page 3
Data As Of 7/5/2005 1:46:04 PM, Report Created 8/9/2005 12:45:45 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 2 - updated Contrs\Alt 2 - Patrick AFB w
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: SUBASE KINGSBAY, GA (N42237)

	2006	2007	2008	2009	2010	2011
1-Time Unique Cost ($K):	0	0	12,220	0	1,380	7,934
1-Time Unique Save ($K):	0	0	0	0	0	0
1-Time Moving Cost ($K):	0	0	0	0	0	7,500
1-Time Moving Save ($K):	0	0	0	0	0	0
Env Non-MilCon Reqd($K):	0	0	140	0	0	0
Activ Mission Cost ($K):	0	0	0	0	0	73,800
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($K):	0	0	0	0	260	260
Misc Recurring Save($K):	0	0	0	0	0	4,000
One-Time IT Costs ($K):	0	0	0	0	0	84
Construction Schedule(%):	0%	0%	0%	0%	0%	0%
Shutdown Schedule (%):	0%	0%	0%	0%	0%	0%
Misn Milcon Avoidnc($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%

INPUT SCREEN SIX - BASE PERSONNEL INFORMATION

Name: Patrick AFB, FL (SXHT)

	2006	2007	2008	2009	2010	2011
Off Scenario Change:	0	0	0	0	0	-6
Enl Scenario Change:	0	0	0	0	0	-30
Civ Scenario Change:	0	0	0	0	0	-37
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:	50%	0%	0%	0%	0%	0%

Name: SUBASE KINGSBAY, GA (N42237)

	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:	3	0	0	0	0	0
Enl Prog nonBRAC Change:	-9	-1	0	0	0	0
Civ Prog nonBRAC Change:	-5	-9	-2	-2	-4	0
Stu Prog nonBRAC Change:	0	0	0	0	0	0
Prog FH Privatization:	0%	100%	0%	0%	0%	0%

DCN:11673

COBRA INPUT DATA REPORT (COBRA v6.10) - Page 4
Data As Of 7/5/2005 1:46:04 PM, Report Created 8/9/2005 12:45:45 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 2 - updated Contrs\Alt 2 - Patrick AFB w
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

INPUT SCREEN SEVEN - BASE MILITARY CONSTRUCTION INFORMATION

Name: SUBASE KINGSBAY, GA (N42237)

FAC	UM	New MilCon	Rehab MilCon	TotCost($K)	FPG Con CF	FPG Sust CF
1721	SF	17,000	0 Default	0	184.67	5.31
2123	SF	10,000	0 Default	0	167.74	2.64
2126	SF	25,000	0 Default	0	393.25	8.48
3121	SF	30,000	0 Default	0	299.34	3.16
3191	SF	35,000	0 Default	0	147.68	3.32
4421	SF	35,000	0 Default	0	75.98	2.06
4423	SF	2,400	0 Default	0	122.74	5.17
6100	SF	60,000	0 Default	0	138.78	2.52
8521	SY	21,000	0 Default	0	45.83	1.07
8122	LF	11,000	0 Default	0	11.05	1.13
8511	SY	14,000	0 Default	0	22.25	0.54
8522	SY	90,000	0 Default	0	6.75	0.16
8321	LF	11,000	0 Default	0	51.48	0.06
8421	LF	6,000	0 Default	0	39.03	0.85
8121	LF	15,000	0 Default	0	31.84	0.18
8121	LF	600	0 Default	0	31.84	0.18
8131	KV	60,000	0 Default	0	66.22	2.12
8121	LF	600	0 Default	280	31.84	0.18

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%

DCN:11673

COBRA INPUT DATA REPORT (COBRA v6.10) - Page 5
Data As Of 7/5/2005 1:46:04 PM, Report Created 8/9/2005 12:45:45 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 2 - updated Contrs\Alt 2 - Patrick AFB w
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

STANDARD FACTORS SCREEN THREE - TRANSPORTATION

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

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 2 - updated Contrs\Alt 2 - Patrick AFB w
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

FOOTNOTES FOR SCREEN ONE
==========
Source Data
1. TECH-0018,Part5 Response from DON, 15 Feb 2005.xls
2. TJCSG approved assumptions were not applied as directed by TJCSG, Navy Submit includes
Navy Assumptions.

NPV results of 6.08 are $4081K greater than those of 6.07.

Data Standards

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* reassigned personnel + 150 * 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
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 leas 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 :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 2 - updated Contrs\Alt 2 - Patrick AFB w
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

FOOTNOTES FOR SCREEN THREE
==========
Certified Data Source 1:

Patrick AFB to Kingsbay

Officers: NAVORTESTU_CAPE_CANAVERAL_FL rationale: OTSU 2 OFFICERS. Personnel require secure facility for the handling of classified information. Ship services are on coordinated dwg. NAVORDTESTU_CAPE_CANAVERAL_FL rationale: Based on program requirements in SPOSE. NOTU has to support ship and flight test mission requirements. Includes SPF(C)det. Would relocate with transition of CX30.

Enlisted: NOTU rationale: OTSU 2 ENLISTED contingent. Currently housed in an area 3000 sq. ft. Require secure area for handling and processing of classified information. NOTU rationale: TI team which remain joined to CX30 until relocation. Requires classified material handling, and storage area. NOTU rationale: SPF (C) det. Would relocate with transition of CX30.

Personnel: NOTU rationale: MWR personnel, under CNRSE NOTU rationale: Flight test mission support personnel for both coast. Requires office space and areas to handle and process classified information. NOTU rationale: SPF(C) detachment. Relocates when D5LE development complete and CX30 is relocated.

Mission Equipment 2008: 26 Tons Flight Test Support Vans.
Mission Equipment 2011: 4000 Tons Relocation of CX30, GTB, PILS, DARC

Support Equipment 2008: 30 Tons Certified Data without justification.
Support Equipment 2011: 400 Tons
145 Tons,17 Forklifts, either relocated to KB or distributed throughout the Navy.
60 Tons, Relocate 2 service units and associated equipment.
195 Tons, Equipment (desks, equipment, safes, bookcases, data roll table, electronic components need to support operations).

FOOTNOTES FOR SCREEN FIVE
==========
Patrick AFB

One-Time Unique Cost -Losing:
Recalibration / Repair of Relocated Equipment 60K FY11,Some of the equipment being relocated is sensitive to vibration etc and will require recalibration after it is relocated. We would expect that there would be significant repair requirements as well

Removal 120 Ton Portal Crane: 400K FY11,Navy Class III property to be removed before turnover to AF.

Removal 45 Ton Portal Crane: 300K FY11,Navy Class III property to be removed before turnover to AF.

Removal 110 Gantry Crane: 150K FY11,Navy Class III property to be removed before turnover to AF.

Removal Access Stand: 150K FY11,Navy Class III property to be removed before turnover to AF.

Mission Cost:
Travel to support Range meetings/ops: 42K Cost associated with 2 ops and related monthly travel.

Support Contract Terminating Cost:

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 2 - updated Contrs\Alt 2 - Patrick AFB w
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

Severance pay: 750K FY11, BOS contractor layoffs of direct contractor support.
Severance pay: 100K Air Force contractor support
Severance pay: 30K Air Force support

Miscellaneous Recurring Savings:

Dredging: 350K Trident area specific dredging and quarterly surveys
Force protection cost: 1400K Cost transferred to Air Force due to force protection criteria
150K Savings from reduced manning

Procurement Cost Avoidances- Losing:

Camels: 273K FY10, Camel Replacement Procurement(Lifecycle)
Camels: 273K FY11, Camel Replacement Procurement(Lifecycle)

Facility shutdown certified data 425.4KSF without further detail

Kings Bay

One Time Unique Cost-Receiving:

Facility Activation Costs: Develop operational procedures: 4000K Facility Activation Costs: Test and Development are very different from Tactical production so documentation/procedures would need to be developed to keep these disciplines separate. Additionally, activation documentation would need to be required for acceptance of each new facility plus the establishment of each capability.

Reorganize and realign SWFLANT functions: 130K Develop Appropriate Staffing Plan: SWFLANT would be assigned a great deal more responsibility and therefore would be required to adjust command structure to support new and very different missions. 1 Man-yr in FY10

Storage space for queuing and distribution would need to be established before new permanent storage would be available.: 2500K 50 KSF required per year in FY10 & FY11 to support equipment transfers. $25/SF x 50KSF = $1,250K per year

Unique facility equipment would be required to be refurbished before installation in new facility.: 684K 5 Man-Hrs/Ton x $72/Man-Hr = $360/Ton

GDAIS Operations and Maintenance of GTB: 2000K GTB is currently operated and maintained by GDAIS. Contract support for new facility would need to be accomplished at the same time as maintaining old facility for a period of 6 months. The turn over cost captured in 35 One-time unique costs. Operational costs for GTB at Kings Bay is based on estimate of $2,000K.

Fender System-Cleats for ARDM: 4990K Existing ARDM mooring located at Site 6 does not have a fender system or cleats to accommodate the USNS Waters. The Layberth will not be used as a mooring site for the Waters. Layberth is needed to berth visiting ships.

Repair Site 6 Layberth Fender System: 2230K Existing fender system is in poor condition. The Layberth pier will be used to load equipment trailers on the USNS Waters prior to departing for the test range.

Floating Security Barrier Site 6: 5000K The USNS Waters will be berthed at Site 6 which is located outside the WRA. A new floating security will be required to enclose the berthing area.

Environmental Non-MILCON COST- RECEIVING:
Categorical Exclusion (CATEX): 10K Based on action in scenario and no requirements for NEPA, an EA or EIS is not required. Perform CATEX w/in-house personnel. Would include action #1 also.

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 2 - updated Contrs\Alt 2 - Patrick AFB w
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

Compliance Plans: 130K Updates to legally required compliance plans - Spill Prevention, Control & Countermeasure, Facility Response, HAZWASTE Mgmt Plan, Natural Resource Management and Industrial Waste Water Management.

Miscellaneous Recurring Costs- Receiving:

The additional 75 personnel will require computer support.: 260K Due to the expected dispersed location and unique computing requirement two additional BAI computer support personnel will be required.

Miscellaneous Recurring Savings- Receiving:

Reduction of 20 LMSS Contractor Support Personnel: 4000K This is the savings realized by effort already provided within the current LM SWFLANT contract workforce.

One Time IT Cost- Receiving:

The additional 75 personnel (53 Mil and 22 Civ) will require computer support.: 84K Assume 70% of military personnel (53 x 70%=37) and all civilians (22) will require a computer. Also assume that 30% of desktop computers can transfer to receiving activity. Finally, assume cost is $2K per individual for a computer suite. [(37+22) individual computer requirements - 30%(37+22) transferred computers] x $2K for new computer suite = $84K

FOOTNOTES FOR SCREEN SIX
==========
Patrick AFB
OFFICER POSITIONS: 6 eliminations 2011, NAVORDTESTU_CAPE_CANAVERAL_FL rationale: Command disestablishment CO/XO, Admin, Supply, Port Ops.

ENLISTED POSITIONS:30 eliminations 2011, NAVORDTESTU_CAPE_CANAVERAL_FL rationale: Supply, Admin, Port Ops

CIVILIAN POSITIONS: 37 eliminations 2011, NAVORDTESTU_CAPE_CANAVERAL_FL rationale: QA, Admin, MIS, Security, Safety, Haz Waste, Fac Engineering, Finance.

FOOTNOTES FOR SCREEN SEVEN
==========

FAC	FAC DESCRIPTION	UM	NEW MILCON(UM)	TOTAL COST($K),IF PROVIDED

RESPONDANTS RATIONALE

1721 Flight Simulator Facility sf 17000
Respondent's rationale: CCN 17135- New developmental facility in support of SPALT development, problem resolution, ordnance testing and equipment proofing.

2123 Missile/Launcher Maintenance Support Facility sf 10000
Respondent's rationale: CCN 21220- New maintenance shop in support of M250 refurbishment and support equipment machine work, Contractor admin space, electronics environmentally controlled storage. 50% facility to be environmentally controlled, 50% covered storage.

2126 Intercontinental Ballistic Missile Processing Facili sf 25000
Respondent's rationale: CCN 21250- New production building for Test Missile Kit production, Missile Checkout (C-MESSA mock-up), Service Unit Trainer, KDT fault isolation work. Special exhaust requirement; Crane required.# 57511, 57512, 62820

3121 Missile and Space RDT&E Facility sf 30000

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 2 - updated Contrs\Alt 2 - Patrick AFB w
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

Respondent's rationale: CCN 31215, 31220- New facility for the testing of guidance and control systems including tactical FC system software testing, guidance calibration, labs and star sightings. Strict environmental requirements necessary, as well as special foundation, overhead cranes and stabilized power.

3191 Miscellaneous Item and Equipment RDT&E Facility sf 35000
Respondent's rationale: CCN 31915- New facility for environmentally controlled storage of contractor support equipment, flight test support equipment, DASO support equipment and MESSA equipment.

4421 Covered Storage Building, Installation sf 35000
Respondent's rationale: CCN 44110- New facility for general storage space to support NOTU and support contractors.

4423 Hazardous Materials Storage, Installation SF 2400
Respondent's rationale: CCN 44130- New facility for hazardous and flammable storage containing two bays for incompatible materials.

6100 General Administrative Building sf 60000
Respondent's rationale: CCN 61010- New admin space will be required to support the NOTU mission. This quantity of available admin space does not presently exist at NSB Kings Bay. Various antenna requirements, UPS, 10K SF of TS Storage space, video, surveillance, and alarm system. Requires secret links to SETA and GTB buildings. Must receive telemetry data from Eastern Range.

8521 Vehicle Parking, Surfaced sy 21000
Respondent's rationale: CCN 85210- New parking will be required at the site of the new NOTU Complex. The complex will be sited in an unimproved area.

8122 Exterior Lighting Lines lf 11000
Respondent's rationale: CCN 81220- New street and parking lot lighting for the NOTU Complex.

8511 Road, Surfaced sy 14000
Respondent's rationale: CCN 85110- New road to the NOTU Complex.

8522 Vehicle Parking, Unsurfaced SY 90000
Respondent's rationale: CCN 85235- New paved lay-down and staging areas for the NOTU Complex. Includes 60,000 SF for FTS Vans.

8321 Sewer and Industrial Waste Line lf 11000
Respondent's rationale: New wastewater utilities will be required to serve the NOTU Complex. New lift stations and forcemains will be required.

8421 Water Distribution Line, Potable lf 6000
Respondent's rationale: Major upgrades will be required to the SUBASE potable water systems. New water mains will be required to serve the new NOTU Complex.

8121 Electrical Power Distribution Line lf 15000
Respondent's rationale: New ductbank and cabling will be required to serve the NOTU Complex from Substation #1.

8121 Electrical Power Distribution Line lf 600
Respondent's rationale: The ARDM substation was removed when the ARDM-1 left Kings Bay. New power service to the ARDM can be fed from the existing Site 6 power system. New conduit, cable, breakers, and service hoods will be required. 8 circuits will be required.

8131 Electrical Power Substation and Switching KV 60000
Respondent's rationale: Electrical system upgrades will be required at

DCN:11673

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 2 - updated Contrs\Alt 2 - Patrick AFB w
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

Sub-Station #1 to accommodate the NOTU Complex. A new generator will be added to Substation 1.

8121 Electrical Power Distribution Line LF 600
280 Respondent's rationale: The ARDM substation was removed when the ARDM-1 left Kings Bay. New power service to the ARDM can be fed from the existing Site 6 power system. New conduit, cable, breakers, and service hoods will be required. 8 circuits will be required.

DCN:11673

COBRA ECONOMIC IMPACT REPORT (COBRA v6.10)
Data As Of 7/5/2005 1:46:04 PM, Report Created 8/9/2005 12:45:45 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 2 - updated Contrs\Alt 2 - Pa
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

Patrick AFB, FL (SXHT)

	2006	2007	2008	2009	2010	2011	Total
Jobs Gained-Mil	0	0	0	0	0	0	0
Jobs Lost-Mil	0	0	45	0	0	91	136
NET CHANGE-Mil	0	0	-45	0	0	-91	-136
Jobs Gained-Civ	0	0	0	0	0	0	0
Jobs Lost-Civ	0	0	0	0	0	59	59
NET CHANGE-Civ	0	0	0	0	0	-59	-59
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

SUBASE KINGSBAY, GA (N42237)

	2006	2007	2008	2009	2010	2011	Total
Jobs Gained-Mil	0	0	45	0	0	55	100
Jobs Lost-Mil	0	0	0	0	0	0	0
NET CHANGE-Mil	0	0	45	0	0	55	100
Jobs Gained-Civ	0	0	0	0	0	22	22
Jobs Lost-Civ	0	0	0	0	0	0	0
NET CHANGE-Civ	0	0	0	0	0	22	22
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:11673

COBRA REALIGNMENT SUMMARY REPORT (COBRA v6.10) - Page 1/2
Data As Of 7/5/2005 1:47:20 PM, Report Created 8/9/2005 12:47:10 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 3 - updated milcon and contrs\Alt 3 - Pa
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

Starting Year : 2006
Final Year : 2011
Payback Year : 2021 (10 Years)

NPV in 2025($K): -35,052
1-Time Cost($K): 110,690

Net Costs in 2005 Constant Dollars ($K)

	2006	2007	2008	2009	2010	2011	Total	Beyond
MilCon	6,116	25,066	0	0	42,890	0	74,072	0
Person	0	0	-41	-41	-41	-2,237	-2,360	-6,001
Overhd	530	1,022	292	173	1,446	-5,909	-2,446	-7,062
Moving	0	0	53	0	0	9,531	9,584	0
Missio	0	0	0	0	0	42	42	42
Other	0	0	12,535	116	1,223	9,290	23,165	-14
TOTAL	6,646	26,087	12,839	249	45,518	10,717	102,057	-13,036

	2006	2007	2008	2009	2010	2011	Total
POSITIONS ELIMINATED							
Off	0	0	0	0	0	6	6
Enl	0	0	0	0	0	30	30
Civ	0	0	0	0	0	37	37
TOT	0	0	0	0	0	73	73
POSITIONS REALIGNED							
Off	0	0	5	0	0	8	13
Enl	0	0	40	0	0	47	87
Stu	0	0	0	0	0	0	0
Civ	0	0	0	0	0	22	22
TOT	0	0	45	0	0	77	122

Summary:

Source Data
1. TECH-0018,Part5 Response from DON, 15 Feb 2005.xls
2. TJCSG approved assumptions were not applied as directed by TJCSG, Navy Submit includes Navy Assumptions.

NPV results of 6.08 are $4081K greater than those of 6.07.

Data Standards

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* reassigned personnel + 150 * 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

DCN:11673

COBRA REALIGNMENT SUMMARY REPORT (COBRA v6.10) - Page 2/2
Data As Of 7/5/2005 1:47:20 PM, Report Created 8/9/2005 12:47:10 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 3 - updated milcon and contrs\Alt 3 - Pa
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

Costs in 2005 Constant Dollars ($K)

	2006	2007	2008	2009	2010	2011	Total	Beyond
MilCon	6,116	25,066	0	0	42,890	0	74,072	0
Person	0	0	223	223	223	1,424	2,095	501
Overhd	530	1,022	1,085	966	2,239	3,427	9,270	2,274
Moving	0	0	137	0	0	9,640	9,778	0
Missio	0	0	0	0	0	73,842	73,842	73,842
Other	0	0	12,535	116	1,496	9,563	23,711	259
TOTAL	6,646	26,087	13,982	1,306	46,849	97,897	192,768	76,876

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	264	264	264	3,662	4,455	6,503
Overhd	0	0	793	793	793	9,337	11,716	9,337
Moving	0	0	85	0	0	109	193	0
Missio	0	0	0	0	0	73,800	73,800	73,800
Other	0	0	0	0	273	273	546	273
TOTAL	0	0	1,142	1,057	1,330	87,180	90,710	89,912

DCN:11673

TOTAL COBRA ONE-TIME COST REPORT (COBRA v6.10) - Page 1/3
Data As Of 7/5/2005 1:47:20 PM, Report Created 8/9/2005 12:47:10 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 3 - updated milcon and contrs\Alt 3 - Pa
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

(All values in 2005 Constant Dollars)

Category	Cost	Sub-Total
Construction		
Military Construction	74,072,041	
Total - Construction		74,072,041
Personnel		
Civilian RIF	631,381	
Civilian Early Retirement	59,945	
Eliminated Military PCS	182,821	
Unemployment	48,961	
Total - Personnel		923,108
Overhead		
Program Management Cost	1,742,942	
Support Contract Termination	880,000	
Mothball / Shutdown	191,430	
Total - Overhead		2,814,372
Moving		
Civilian Moving	579,298	
Civilian PPP	283,968	
Military Moving	212,538	
Freight	1,093,471	
Information Technologies	108,400	
One-Time Moving Costs	7,500,000	
Total - Moving		9,777,675
Other		
HAP / RSE	369,401	
Environmental Mitigation Costs	140,000	
Mission Contract Startup and Termination	0	
One-Time Unique Costs	22,594,000	
Total - Other		23,103,401
Total One-Time Costs		110,690,597
One-Time Savings		
Military Construction Cost Avoidances	0	
Military Moving	193,503	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	
Total One-Time Savings		193,503
Total Net One-Time Costs		110,497,094

DCN:11673

COBRA ONE-TIME COST REPORT (COBRA v6.10) - Page 2/3
Data As Of 7/5/2005 1:47:20 PM, Report Created 8/9/2005 12:47:10 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 3 - updated milcon and contrs\Alt 3 - Pa
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

Base: Patrick AFB, FL (SXHT)
(All values in 2005 Constant Dollars)

Category	Cost	Sub-Total
Construction		
Military Construction	0	
Total - Construction		0
Personnel		
Civilian RIF	631,381	
Civilian Early Retirement	59,945	
Eliminated Military PCS	182,821	
Unemployment	48,961	
Total - Personnel		923,108
Overhead		
Program Management Cost	1,742,942	
Support Contract Termination	880,000	
Mothball / Shutdown	191,430	
Total - Overhead		2,814,372
Moving		
Civilian Moving	579,298	
Civilian PPP	283,968	
Military Moving	212,538	
Freight	1,093,471	
Information Technologies	24,400	
One-Time Moving Costs	0	
Total - Moving		2,193,675
Other		
HAP / RSE	369,401	
Environmental Mitigation Costs	0	
Mission Contract Startup and Termination	0	
One-Time Unique Costs	1,060,000	
Total - Other		1,429,401
Total One-Time Costs		7,360,556
One-Time Savings		
Military Construction Cost Avoidances	0	
Military Moving	193,503	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	
Total One-Time Savings		193,503
Total Net One-Time Costs		7,167,053

DCN:11673

COBRA ONE-TIME COST REPORT (COBRA v6.10) - Page 3/3
Data As Of 7/5/2005 1:47:20 PM, Report Created 8/9/2005 12:47:10 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 3 - updated milcon and contrs\Alt 3 - Pa
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

Base: SUBASE KINGSBAY, GA (N42237)
(All values in 2005 Constant Dollars)

Category	Cost	Sub-Total
Construction		
Military Construction	74,072,041	
Total - Construction		74,072,041
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	84,000	
One-Time Moving Costs	7,500,000	
Total - Moving		7,584,000
Other		
HAP / RSE	0	
Environmental Mitigation Costs	140,000	
Mission Contract Startup and Termination	0	
One-Time Unique Costs	21,534,000	
Total - Other		21,674,000
Total One-Time Costs		103,330,041
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		103,330,041

DCN:11673

TOTAL COBRA REALIGNMENT DETAIL REPORT (COBRA v6.10) - Page 1/9
Data As Of 7/5/2005 1:47:20 PM, Report Created 8/9/2005 12:47:10 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 3 - updated milcon and contrs\Alt 3 - Pa
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

ONE-TIME COSTS -----($K)-----	2006	2007	2008	2009	2010	2011	Total
CONSTRUCTION							
MILCON	6,116	25,066	0	0	42,890	0	74,072
O&M							
CIV SALARY							
Civ RIF	0	0	0	0	0	631	631
Civ Retire	0	0	0	0	0	60	60
CIV MOVING							
Per Diem	0	0	0	0	0	58	58
POV Miles	0	0	0	0	0	1	1
Home Purch	0	0	0	0	0	300	300
HHG	0	0	0	0	0	45	45
Misc	0	0	0	0	0	22	22
House Hunt	0	0	0	0	0	37	37
PPP	0	0	0	0	0	284	284
RITA	0	0	0	0	0	117	117
FREIGHT							
Packing	0	0	3	0	0	5	8
Freight	0	0	31	0	0	1,055	1,086
Vehicles	0	0	0	0	0	0	0
Unemployment	0	0	0	0	0	49	49
OTHER							
Info Tech	0	0	9	0	0	99	108
Prog Manage	530	397	298	224	168	126	1,743
Supt Contrac	0	0	0	0	0	880	880
Mothball	0	0	44	0	0	147	191
1-Time Move	0	0	0	0	0	7,500	7,500
MIL PERSONNEL							
MIL MOVING							
Per Diem	0	0	2	0	0	3	5
POV Miles	0	0	2	0	0	2	4
HHG	0	0	46	0	0	57	103
Misc	0	0	45	0	0	55	100
OTHER							
Elim PCS	0	0	0	0	0	183	183
OTHER							
HAP / RSE	0	0	59	0	0	310	369
Environmental	0	0	140	0	0	0	140
Misn Contract	0	0	0	0	0	0	0
1-Time Other	0	0	12,220	0	1,380	8,994	22,594
TOTAL ONE-TIME	6,646	25,463	12,899	224	44,438	21,021	110,690

DCN:11673

TOTAL COBRA REALIGNMENT DETAIL REPORT (COBRA v6.10) - Page 2/9
Data As Of 7/5/2005 1:47:20 PM, Report Created 8/9/2005 12:47:10 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 3 - updated milcon and contrs\Alt 3 - Pa
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

RECURRINGCOSTS -----($K)-----	2006	2007	2008	2009	2010	2011	Total	Beyond
O&M								
Sustainment	0	404	404	404	1,096	1,096	3,405	1,096
Recap	0	220	220	220	596	596	1,852	596
BOS	0	0	119	119	119	322	678	322
Civ Salary	0	0	0	0	0	0	0	0
TRICARE	0	0	116	116	116	259	608	259
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	223	223	223	501	1,172	501
OTHER								
Mission Activ	0	0	0	0	0	73,842	73,842	73,842
Misc Recur	0	0	0	0	260	260	520	260
TOTAL RECUR	0	624	1,083	1,083	2,411	76,876	82,077	76,876
TOTAL COST	6,646	26,087	13,982	1,306	46,849	97,897	192,768	76,876

ONE-TIME SAVES -----($K)-----	2006	2007	2008	2009	2010	2011	Total
CONSTRUCTION							
MILCON	0	0	0	0	0	0	0
O&M							
1-Time Move	0	0	0	0	0	0	0
MIL PERSONNEL							
Mil Moving	0	0	85	0	0	109	193
OTHER							
Environmental	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0
TOTAL ONE-TIME	0	0	85	0	0	109	193

RECURRINGSAVES -----($K)-----	2006	2007	2008	2009	2010	2011	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
Sustainment	0	0	105	105	105	456	773	456
Recap	0	0	250	250	250	1,082	1,832	1,082
BOS	0	0	438	438	438	1,897	3,211	1,897
Civ Salary	0	0	0	0	0	1,230	1,230	2,460
MIL PERSONNEL								
Off Salary	0	0	0	0	0	375	375	750
Enl Salary	0	0	0	0	0	1,236	1,236	2,472
House Allow	0	0	264	264	264	820	1,614	820
OTHER								
Procurement	0	0	0	0	273	273	546	273
Mission Activ	0	0	0	0	0	73,800	73,800	73,800
Misc Recur	0	0	0	0	0	5,900	5,900	5,900
TOTAL RECUR	0	0	1,057	1,057	1,330	87,071	90,517	89,912
TOTAL SAVINGS	0	0	1,142	1,057	1,330	87,180	90,710	89,912

DCN:11673

TOTAL COBRA REALIGNMENT DETAIL REPORT (COBRA v6.10) - Page 3/9
Data As Of 7/5/2005 1:47:20 PM, Report Created 8/9/2005 12:47:10 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 3 - updated milcon and contrs\Alt 3 - Pa
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

ONE-TIME NET -----($K)-----	2006	2007	2008	2009	2010	2011	Total
CONSTRUCTION							
MILCON	6,116	25,066	0	0	42,890	0	74,072
O&M							
Civ Retir/RIF	0	0	0	0	0	691	691
Civ Moving	0	0	33	0	0	1,923	1,957
Info Tech	0	0	9	0	0	99	108
Other	530	397	342	224	168	8,702	10,363
MIL PERSONNEL							
Mil Moving	0	0	10	0	0	192	202
OTHER							
HAP / RSE	0	0	59	0	0	310	369
Environmental	0	0	140	0	0	0	140
Misn Contract	0	0	0	0	0	0	0
1-Time Other	0	0	12,220	0	1,380	8,994	22,594
TOTAL ONE-TIME	6,646	25,463	12,814	224	44,438	20,912	110,357

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	404	299	299	991	639	2,632	639
Recap	0	220	-30	-30	346	-486	20	-486
BOS	0	0	-319	-319	-319	-1,576	-2,533	-1,576
Civ Salary	0	0	0	0	0	-1,230	-1,230	-2,460
TRICARE	0	0	116	116	116	259	608	259
MIL PERSONNEL								
Mil Salary	0	0	0	0	0	-1,611	-1,611	-3,222
House Allow	0	0	-41	-41	-41	-319	-442	-319
OTHER								
Procurement	0	0	0	0	-273	-273	-546	-273
Mission Activ	0	0	0	0	0	42	42	42
Misc Recur	0	0	0	0	260	-5,640	-5,380	-5,640
TOTAL RECUR	0	624	25	25	1,080	-10,195	-8,440	-13,036
TOTAL NET COST	6,646	26,087	12,839	249	45,518	10,717	102,057	-13,036

DCN:11673

COBRA REALIGNMENT DETAIL REPORT (COBRA v6.10) - Page 4/9
Data As Of 7/5/2005 1:47:20 PM, Report Created 8/9/2005 12:47:10 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 3 - updated milcon and contrs\Alt 3 - Pa
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

Base: Patrick AFB, FL (SXHT)

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	631	631
Civ Retire	0	0	0	0	0	60	60
CIV MOVING							
Per Diem	0	0	0	0	0	58	58
POV Miles	0	0	0	0	0	1	1
Home Purch	0	0	0	0	0	300	300
HHG	0	0	0	0	0	45	45
Misc	0	0	0	0	0	22	22
House Hunt	0	0	0	0	0	37	37
PPP	0	0	0	0	0	284	284
RITA	0	0	0	0	0	117	117
FREIGHT							
Packing	0	0	3	0	0	5	8
Freight	0	0	31	0	0	1,055	1,086
Vehicles	0	0	0	0	0	0	0
Unemployment	0	0	0	0	0	49	49
OTHER							
Info Tech	0	0	9	0	0	15	24
Prog Manage	530	397	298	224	168	126	1,743
Supt Contrac	0	0	0	0	0	880	880
Mothball	0	0	44	0	0	147	191
1-Time Move	0	0	0	0	0	0	0
MIL PERSONNEL							
MIL MOVING							
Per Diem	0	0	2	0	0	3	5
POV Miles	0	0	2	0	0	2	4
HHG	0	0	46	0	0	57	103
Misc	0	0	45	0	0	55	100
OTHER							
Elim PCS	0	0	0	0	0	183	183
OTHER							
HAP / RSE	0	0	59	0	0	310	369
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	1,060	1,060
TOTAL ONE-TIME	530	397	539	224	168	5,503	7,360

DCN:11673

COBRA REALIGNMENT DETAIL REPORT (COBRA v6.10) - Page 5/9
Data As Of 7/5/2005 1:47:20 PM, Report Created 8/9/2005 12:47:10 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 3 - updated milcon and contrs\Alt 3 - Pa
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

Base: Patrick AFB, FL (SXHT)

RECURRINGCOSTS -----($K)-----	2006	2007	2008	2009	2010	2011	Total	Beyond
O&M								
Sustainment	0	0	0	0	0	0	0	0
Recap	0	0	0	0	0	0	0	0
BOS	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	42	42	42
Misc Recur	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	0	0	0	42	42	42
TOTAL COSTS	530	397	539	224	168	5,545	7,402	42

ONE-TIME SAVES -----($K)-----	2006	2007	2008	2009	2010	2011	Total
CONSTRUCTION							
MILCON	0	0	0	0	0	0	0
O&M							
1-Time Move	0	0	0	0	0	0	0
MIL PERSONNEL							
Mil Moving	0	0	85	0	0	109	193
OTHER							
Environmental	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0
TOTAL ONE-TIME	0	0	85	0	0	109	193

RECURRINGSAVES -----($K)-----	2006	2007	2008	2009	2010	2011	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
Sustainment	0	0	105	105	105	456	773	456
Recap	0	0	250	250	250	1,082	1,832	1,082
BOS	0	0	438	438	438	1,897	3,211	1,897
Civ Salary	0	0	0	0	0	1,230	1,230	2,460
MIL PERSONNEL								
Off Salary	0	0	0	0	0	375	375	750
Enl Salary	0	0	0	0	0	1,236	1,236	2,472
House Allow	0	0	264	264	264	820	1,614	820
OTHER								
Procurement	0	0	0	0	273	273	546	273
Mission Activ	0	0	0	0	0	73,800	73,800	73,800
Misc Recur	0	0	0	0	0	1,900	1,900	1,900
TOTAL RECUR	0	0	1,057	1,057	1,330	83,071	86,517	85,912
TOTAL SAVINGS	0	0	1,142	1,057	1,330	83,180	86,710	85,912

DCN:11673

COBRA REALIGNMENT DETAIL REPORT (COBRA v6.10) - Page 6/9
Data As Of 7/5/2005 1:47:20 PM, Report Created 8/9/2005 12:47:10 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 3 - updated milcon and contrs\Alt 3 - Pa
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

Base: Patrick AFB, FL (SXHT)

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	0	0	0	691	691
Civ Moving	0	0	33	0	0	1,923	1,957
Info Tech	0	0	9	0	0	15	24
Other	530	397	342	224	168	1,202	2,863
MIL PERSONNEL							
Mil Moving	0	0	10	0	0	192	202
OTHER							
HAP / RSE	0	0	59	0	0	310	369
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	1,060	1,060
TOTAL ONE-TIME	530	397	454	224	168	5,394	7,167

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	-105	-105	-105	-456	-773	-456
Recap	0	0	-250	-250	-250	-1,082	-1,832	-1,082
BOS	0	0	-438	-438	-438	-1,897	-3,211	-1,897
Civ Salary	0	0	0	0	0	-1,230	-1,230	-2,460
TRICARE	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Salary	0	0	0	0	0	-1,611	-1,611	-3,222
House Allow	0	0	-264	-264	-264	-820	-1,614	-820
OTHER								
Procurement	0	0	0	0	-273	-273	-546	-273
Mission Activ	0	0	0	0	0	-73,758	-73,758	-73,758
Misc Recur	0	0	0	0	0	-1,900	-1,900	-1,900
TOTAL RECUR	0	0	-1,057	-1,057	-1,330	-83,029	-86,475	-85,870
TOTAL NET COST	530	397	-604	-834	-1,163	-77,635	-79,308	-85,870

DCN:11673

COBRA REALIGNMENT DETAIL REPORT (COBRA v6.10) - Page 7/9
Data As Of 7/5/2005 1:47:20 PM, Report Created 8/9/2005 12:47:10 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 3 - updated milcon and contrs\Alt 3 - Pa
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

Base: SUBASE KINGSBAY, GA (N42237)

ONE-TIME COSTS -----($K)-----	2006	2007	2008	2009	2010	2011	Total
CONSTRUCTION							
MILCON	6,116	25,066	0	0	42,890	0	74,072
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	84	84
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	7,500	7,500
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	140	0	0	0	140
Misn Contract	0	0	0	0	0	0	0
1-Time Other	0	0	12,220	0	1,380	7,934	21,534
TOTAL ONE-TIME	6,116	25,066	12,360	0	44,270	15,518	103,330

DCN:11673

COBRA REALIGNMENT DETAIL REPORT (COBRA v6.10) - Page 8/9
Data As Of 7/5/2005 1:47:20 PM, Report Created 8/9/2005 12:47:10 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 3 - updated milcon and contrs\Alt 3 - Pa
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

Base: SUBASE KINGSBAY, GA (N42237)

RECURRINGCOSTS -----($K)-----	2006	2007	2008	2009	2010	2011	Total	Beyond
O&M								
Sustainment	0	404	404	404	1,096	1,096	3,405	1,096
Recap	0	220	220	220	596	596	1,852	596
BOS	0	0	119	119	119	322	678	322
Civ Salary	0	0	0	0	0	0	0	0
TRICARE	0	0	116	116	116	259	608	259
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	223	223	223	501	1,172	501
OTHER								
Mission Activ	0	0	0	0	0	73,800	73,800	73,800
Misc Recur	0	0	0	0	260	260	520	260
TOTAL RECUR	0	624	1,083	1,083	2,411	76,834	82,035	76,834
TOTAL COSTS	6,116	25,690	13,443	1,083	46,681	92,352	185,365	76,834

ONE-TIME SAVES -----($K)-----	2006	2007	2008	2009	2010	2011	Total
CONSTRUCTION							
MILCON	0	0	0	0	0	0	0
O&M							
1-Time Move	0	0	0	0	0	0	0
MIL PERSONNEL							
Mil Moving	0	0	0	0	0	0	0
OTHER							
Environmental	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0
TOTAL ONE-TIME	0	0	0	0	0	0	0

RECURRINGSAVES -----($K)-----	2006	2007	2008	2009	2010	2011	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
Sustainment	0	0	0	0	0	0	0	0
Recap	0	0	0	0	0	0	0	0
BOS	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	4,000	4,000	4,000
TOTAL RECUR	0	0	0	0	0	4,000	4,000	4,000
TOTAL SAVINGS	0	0	0	0	0	4,000	4,000	4,000

DCN:11673

COBRA REALIGNMENT DETAIL REPORT (COBRA v6.10) - Page 9/9
Data As Of 7/5/2005 1:47:20 PM, Report Created 8/9/2005 12:47:10 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 3 - updated milcon and contrs\Alt 3 - Pa
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

Base: SUBASE KINGSBAY, GA (N42237)

ONE-TIME NET -----($K)-----	2006	2007	2008	2009	2010	2011	Total
CONSTRUCTION							
MILCON	6,116	25,066	0	0	42,890	0	74,072
O&M							
Civ Retir/RIF	0	0	0	0	0	0	0
Civ Moving	0	0	0	0	0	0	0
Info Tech	0	0	0	0	0	84	84
Other	0	0	0	0	0	7,500	7,500
MIL PERSONNEL							
Mil Moving	0	0	0	0	0	0	0
OTHER							
HAP / RSE	0	0	0	0	0	0	0
Environmental	0	0	140	0	0	0	140
Misn Contract	0	0	0	0	0	0	0
1-Time Other	0	0	12,220	0	1,380	7,934	21,534
TOTAL ONE-TIME	6,116	25,066	12,360	0	44,270	15,518	103,330

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	404	404	404	1,096	1,096	3,405	1,096
Recap	0	220	220	220	596	596	1,852	596
BOS	0	0	119	119	119	322	678	322
Civ Salary	0	0	0	0	0	0	0	0
TRICARE	0	0	116	116	116	259	608	259
MIL PERSONNEL								
Mil Salary	0	0	0	0	0	0	0	0
House Allow	0	0	223	223	223	501	1,172	501
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission Activ	0	0	0	0	0	73,800	73,800	73,800
Misc Recur	0	0	0	0	260	-3,740	-3,480	-3,740
TOTAL RECUR	0	624	1,083	1,083	2,411	72,834	78,035	72,834
TOTAL NET COST	6,116	25,690	13,443	1,083	46,681	88,352	181,365	72,834

DCN:11673

COBRA PERSONNEL/SF/SUSTAINMENT/RECAP/BOS DELTAS REPORT (COBRA v6.10)
Data As Of 7/5/2005 1:47:20 PM, Report Created 8/9/2005 12:47:09 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 3 - updated milcon and contrs\Alt 3 - Pa
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

Personnel

Base	Start*	Finish*	Change	%Change
Patrick AFB	3,485	3,290	-195	-6%
SUBASE KINGSBAY	9,742	9,864	122	1%
TOTAL	13,227	13,154	-73	-1%

Square Footage

Base	Start	Finish	Change	%Change	Chg/Per
Patrick AFB	3,211,000	2,785,600	-425,400	-13%	2,181
SUBASE KINGSBAY	5,627,214	5,941,614	314,400	6%	2,577
TOTAL	8,838,214	8,727,214	-111,000	-1%	1,520

Base Operations Support (2005$)

Base	Start*	Finish*	Change	%Change	Chg/Per
Patrick AFB	63,415,446	61,517,945	-1,897,501	-3%	9,731
SUBASE KINGSBAY	49,112,951	49,434,727	321,775	1%	2,637
TOTAL	112,528,397	110,952,672	-1,575,725	-1%	21,585

Sustainment (2005$)

Base	Start	Finish	Change	%Change	Chg/Per
Patrick AFB	3,446,198	2,989,638	-456,559	-13%	2,341
SUBASE KINGSBAY	29,563,718	30,659,810	1,096,092	4%	8,984
TOTAL	33,009,916	33,649,449	639,533	2%	-8,761

Recapitalization (2005$)

Base	Start	Finish	Change	%Change	Chg/Per
Patrick AFB	8,171,339	7,088,783	-1,082,556	-13%	5,551
SUBASE KINGSBAY	15,834,553	16,430,861	596,308	4%	4,888
TOTAL	24,005,892	23,519,644	-486,248	-2%	6,661

Sustain + Recap + BOS (2005$)

Base	Start	Finish	Change	%Change	Chg/Per
Patrick AFB	75,032,983	71,596,367	-3,436,616	-5%	17,624
SUBASE KINGSBAY	94,511,223	96,525,399	2,014,176	2%	16,510
TOTAL	169,544,206	168,121,766	-1,422,440	-1%	19,485

Plant Replacement Value (2005$)

Base	Start	Finish	Change	%Change	Chg/Per
Patrick AFB	988,732,050	857,742,759	-130,989,291	-13%	671,740
SUBASE KINGSBAY	1,805,139,069	1,873,118,189	67,979,120	4%	557,206
TOTAL	2,793,871,119	2,730,860,948	-63,010,171	-2%	863,153

DCN:11673

Data As Of 7/5/2005 1:47:20 PM, Report Created 8/9/2005 12:47:09 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 3 - updated milcon and contrs\Alt 3 - Pa
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

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

DCN:11673

TOTAL COBRA MILITARY CONSTRUCTION ASSETS REPORT (COBRA v6.10)
Data As Of 7/5/2005 1:47:20 PM, Report Created 8/9/2005 12:47:09 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 3 - updated milcon and contrs\Alt 3 - Pa
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

All values in 2005 Constant Dollars

Base Name	Total MilCon*	Milcon Cost Avoidence	Total Net Costs
Patrick AFB	0	0	0
SUBASE KINGSBAY	74,072,041	0	74,072,041
Totals:	74,072,041	0	74,072,041

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

DCN:11673

COBRA MILITARY CONSTRUCTION ASSETS REPORT (COBRA v6.10) - Page 2
Data As Of 7/5/2005 1:47:20 PM, Report Created 8/9/2005 12:47:09 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 3 - updated milcon and contrs\Alt 3 - Pa
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

MilCon for Base: SUBASE KINGSBAY, GA (N42237)

All values in 2005 Constant Dollars ($K)

FAC	Title	UM	New MilCon	New Cost*	Using Rehab	Rehab Type	Rehab Cost*	Total Cost*
1721	Flight Simulator Facility	SF	17,000	3,784	0	Default	0	3,784
2123	Missile/Launcher Maintenance Support Faci	SF	10,000	2,023	0	Default	0	2,023
2126	Intercontinental Ballistic Missile Proces	SF	25,000	11,828	0	Default	0	11,828
3121	Missile and Space RDT&E Facility	SF	30,000	10,810	0	Default	0	10,810
3191	Miscellaneous Item and Equipment RDT&E Fa	SF	35,000	6,236	0	Default	0	6,236
4421	Covered Storage Building, Installation	SF	35,000	3,222	0	Default	0	3,222
4423	Hazardous Materials Storage, Installation	SF	2,400	356	0	Default	0	356
6100	General Administrative Building	SF	160,000	26,798	0	Default	0	26,798
8521	Vehicle Parking, Surfaced	SY	21,000	1,156	0	Default	0	1,156
8122	Exterior Lighting Lines	LF	11,000	146	0	Default	0	146
8511	Road, Surfaced	SY	14,000	374	0	Default	0	374
8522	Vehicle Parking, Unsurfaced	SY	90,000	730	0	Default	0	730
8321	Sewer and Industrial Waste Line	LF	11,000	680	0	Default	0	680
8421	Water Distribution Line, Potable	LF	6,000	281	0	Default	0	281
8121	Electrical Power Distribution Line	LF	15,000	574	0	Default	0	574
8121	Electrical Power Distribution Line	LF	600	23	0	Default	0	23
8131	Electrical Power Substation and Switching	KV	60,000	4,772	0	Default	0	4,772
8121	Electrical Power Distribution Line	LF	600	n/a**	0	Default	n/a**	280

Total Construction Cost:	74,072
- Construction Cost Avoid:	0
Total Net Milcon Cost:	74,072

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

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

DCN:11673

COBRA NET PRESENT VALUES REPORT (COBRA v6.10)
Data As Of 7/5/2005 1:47:20 PM, Report Created 8/9/2005 12:47:10 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 3 - updated milcon and contrs\Alt 3 - Pa
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

Year	Cost($)	Adjusted Cost($)	NPV($)
2006	6,646,118	6,554,982	6,554,982
2007	26,087,543	25,029,000	31,583,982
2008	12,839,233	11,982,745	43,566,727
2009	248,985	226,046	43,792,773
2010	45,518,496	40,199,337	83,992,110
2011	10,716,946	9,206,804	93,198,914
2012	-13,036,303	-10,894,297	82,304,617
2013	-13,036,303	-10,597,565	71,707,052
2014	-13,036,303	-10,308,916	61,398,136
2015	-13,036,303	-10,028,128	51,370,008
2016	-13,036,303	-9,754,988	41,615,020
2017	-13,036,303	-9,489,288	32,125,731
2018	-13,036,303	-9,230,825	22,894,906
2019	-13,036,303	-8,979,402	13,915,504
2020	-13,036,303	-8,734,827	5,180,677
2021	-13,036,303	-8,496,913	-3,316,236
2022	-13,036,303	-8,265,480	-11,581,715
2023	-13,036,303	-8,040,350	-19,622,065
2024	-13,036,303	-7,821,352	-27,443,417
2025	-13,036,303	-7,608,319	-35,051,737

DCN:11673

TOTAL COBRA PERSONNEL IMPACT REPORT (COBRA v6.10) - Page 1/3
Data As Of 7/5/2005 1:47:20 PM, Report Created 8/9/2005 12:47:09 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 3 - updated milcon and contrs\Alt 3 - Pa
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

	Rate	2006	2007	2008	2009	2010	2011	Total
CIVILIAN POSITIONS REALIGNING OUT		0	0	0	0	0	22	22
Early Retirement*	8.10%	0	0	0	0	0	2	2
Regular Retirement*	1.67%	0	0	0	0	0	0	0
Civilian Turnover*	9.16%	0	0	0	0	0	2	2
Civs Not Moving (RIFs)•	6.00%	0	0	0	0	0	1	1
Civilians Moving (the remainder)		0	0	0	0	0	17	17
Civilian Positions Available		0	0	0	0	0	5	5
CIVILIAN POSITIONS ELIMINATED		0	0	0	0	0	37	37
Early Retirement	8.10%	0	0	0	0	0	3	3
Regular Retirement	1.67%	0	0	0	0	0	1	1
Civilian Turnover	9.16%	0	0	0	0	0	3	3
Civs Not Moving (RIFs)*	6.00%	0	0	0	0	0	2	2
Priority Placement#	39.97%	0	0	0	0	0	15	15
Civilians Available to Move		0	0	0	0	0	13	13
Civilians Moving		0	0	0	0	0	5	5
Civilian RIFs (the remainder)		0	0	0	0	0	8	8
CIVILIAN POSITIONS REALIGNING IN		0	0	0	0	0	22	22
Civilians Moving		0	0	0	0	0	22	22
New Civilians Hired		0	0	0	0	0	0	0
Other Civilian Additions		0	0	0	0	0	0	0
TOTAL CIVILIAN EARLY RETIREMENTS		0	0	0	0	0	5	5
TOTAL CIVILIAN RIFS		0	0	0	0	0	11	11
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	0	0	0	0	15	15
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%

DCN:11673

COBRA PERSONNEL IMPACT REPORT (COBRA v6.10) - Page 2/3
Data As Of 7/5/2005 1:47:20 PM, Report Created 8/9/2005 12:47:09 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 3 - updated milcon and contrs\Alt 3 - Pa
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

Base: Patrick AFB, FL (SXHT)	Rate	2006	2007	2008	2009	2010	2011	Total
CIVILIAN POSITIONS REALIGNING OUT		0	0	0	0	0	22	22
Early Retirement*	8.10%	0	0	0	0	0	2	2
Regular Retirement*	1.67%	0	0	0	0	0	0	0
Civilian Turnover*	9.16%	0	0	0	0	0	2	2
Civs Not Moving (RIFs)*	6.00%	0	0	0	0	0	1	1
Civilians Moving (the remainder)		0	0	0	0	0	17	17
Civilian Positions Available		0	0	0	0	0	5	5
CIVILIAN POSITIONS ELIMINATED		0	0	0	0	0	37	37
Early Retirement	8.10%	0	0	0	0	0	3	3
Regular Retirement	1.67%	0	0	0	0	0	1	1
Civilian Turnover	9.16%	0	0	0	0	0	3	3
Civs Not Moving (RIFs)•	6.00%	0	0	0	0	0	2	2
Priority Placement#	39.97%	0	0	0	0	0	15	15
Civilians Available to Move		0	0	0	0	0	13	13
Civilians Moving		0	0	0	0	0	5	5
Civilian RIFs (the remainder)		0	0	0	0	0	8	8
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	0	0	5	5
TOTAL CIVILIAN RIFS		0	0	0	0	0	11	11
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	0	0	0	0	15	15
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%

DCN:11673

COBRA PERSONNEL IMPACT REPORT (COBRA v6.10) - Page 3/3
Data As Of 7/5/2005 1:47:20 PM, Report Created 8/9/2005 12:47:09 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 3 - updated milcon and contrs\Alt 3 - Pa
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

Base: SUBASE KINGSBAY, GA (N42237)	Rate	2006	2007	2008	2009	2010	2011	Total
CIVILIAN POSITIONS REALIGNING OUT		0	0	0	0	0	0	0
Early Retirement*	8.10%	0	0	0	0	0	0	0
Regular Retirement*	1.67%	0	0	0	0	0	0	0
Civilian Turnover*	9.16%	0	0	0	0	0	0	0
Civs Not Moving (RIFs)*	6.00%	0	0	0	0	0	0	0
Civilians Moving (the remainder)		0	0	0	0	0	0	0
Civilian Positions Available		0	0	0	0	0	0	0
CIVILIAN POSITIONS ELIMINATED		0	0	0	0	0	0	0
Early Retirement	8.10%	0	0	0	0	0	0	0
Regular Retirement	1.67%	0	0	0	0	0	0	0
Civilian Turnover	9.16%	0	0	0	0	0	0	0
Civs Not Moving (RIFs)*	6.00%	0	0	0	0	0	0	0
Priority Placement#	39.97%	0	0	0	0	0	0	0
Civilians Available to Move		0	0	0	0	0	0	0
Civilians Moving		0	0	0	0	0	0	0
Civilian RIFs (the remainder)		0	0	0	0	0	0	0
CIVILIAN POSITIONS REALIGNING IN		0	0	0	0	0	22	22
Civilians Moving		0	0	0	0	0	22	22
New Civilians Hired		0	0	0	0	0	0	0
Other Civilian Additions		0	0	0	0	0	0	0
TOTAL CIVILIAN EARLY RETIRMENTS		0	0	0	0	0	0	0
TOTAL CIVILIAN RIFS		0	0	0	0	0	0	0
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	0	0	0	0	0	0
TOTAL CIVILIAN NEW HIRES		0	0	0	0	0	0	0

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

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

DCN:11673

COBRA PERSONNEL YEARLY PERCENTAGES REPORT (COBRA v6.10)
Data As Of 7/5/2005 1:47:20 PM, Report Created 8/9/2005 12:47:09 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 3 - updated milcon and contrs\Alt 3 - Pa
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

Base: Patrick AFB, FL (SXHT)

Year	Pers Moved In/Added Total	Percent	MilCon TimePhase	Pers Moved Out/Eliminated Total	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%	45	23.08%	23.08%
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%	150	76.92%	76.92%
TOTALS	0	0.00%	100.00%	195	100.00%	100.00%

Base: SUBASE KINGSBAY, GA (N42237)

Year	Pers Moved In/Added Total	Percent	MilCon TimePhase	Pers Moved Out/Eliminated Total	Percent	ShutDn TimePhase
2006	0	0.00%	0.00%	0	0.00%	16.67%
2007	0	0.00%	36.89%	0	0.00%	16.67%
2008	45	36.89%	0.00%	0	0.00%	16.67%
2009	0	0.00%	0.00%	0	0.00%	16.67%
2010	0	0.00%	63.11%	0	0.00%	16.67%
2011	77	63.11%	0.00%	0	0.00%	16.67%
TOTALS	122	100.00%	100.00%	0	0.00%	100.00%

DCN:11673

COBRA TOTAL PERSONNEL SUMMARY REPORT (COBRA v6.10)
Data As Of 7/5/2005 1:47:20 PM, Report Created 8/9/2005 12:47:09 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 3 - updated milcon and contrs\Alt 3 - Pa
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

TOTAL SCENARIO POPULATION (FY 2005):

Officers	Enlisted	Students	Civilians
1,154	6,981	300	4,821

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

	2006	2007	2008	2009	2010	2011	Total
Officers	3	0	0	0	0	0	3
Enlisted	-9	-1	0	0	0	0	-10
Students	0	0	0	0	0	0	0
Civilians	-5	-9	-2	-2	-4	0	-22
TOTAL	-11	-10	-2	-2	-4	0	-29

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

Officers	Enlisted	Students	Civilians
1,157	6,971	300	4,799

TOTAL PERSONNEL REALIGNMENTS, ENTIRE SCENARIO):

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	5	0	0	8	13
Enlisted	0	0	40	0	0	47	87
Students	0	0	0	0	0	0	0
Civilians	0	0	0	0	0	22	22
TOTAL	0	0	45	0	0	77	122

TOTAL SCENARIO POSITION CHANGES, ENTIRE SCENARIO:

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	0	-6	-6
Enlisted	0	0	0	0	0	-30	-30
Civilians	0	0	0	0	0	-37	-37
TOTAL	0	0	0	0	0	-73	-73

TOTAL SCENARIO POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
1,151	6,941	300	4,762

DCN:11673

COBRA PERSONNEL SUMMARY REPORT (COBRA v6.10) - Page 2
Data As Of 7/5/2005 1:47:20 PM, Report Created 8/9/2005 12:47:09 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 3 - updated milcon and contrs\Alt 3 - Pa
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

PERSONNEL SUMMARY FOR: Patrick AFB, FL (SXHT)

BASE POPULATION (FY 2005, Prior to BRAC Action) FOR: Patrick AFB, FL (SXHT)

Officers	Enlisted	Students	Civilians
477	1,256	0	1,752

PERSONNEL REALIGNMENTS:
To Base: SUBASE KINGSBAY, GA (N42237)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	5	0	0	8	13
Enlisted	0	0	40	0	0	47	87
Students	0	0	0	0	0	0	0
Civilians	0	0	0	0	0	22	22
TOTAL	0	0	45	0	0	77	122

TOTAL PERSONNEL REALIGNMENTS (Out of Patrick AFB, FL (SXHT)):

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	5	0	0	8	13
Enlisted	0	0	40	0	0	47	87
Students	0	0	0	0	0	0	0
Civilians	0	0	0	0	0	22	22
TOTAL	0	0	45	0	0	77	122

SCENARIO POSITION CHANGES FOR: Patrick AFB, FL (SXHT)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	0	-6	-6
Enlisted	0	0	0	0	0	-30	-30
Civilians	0	0	0	0	0	-37	-37
TOTAL	0	0	0	0	0	-73	-73

BASE POPULATION (After BRAC Action) FOR: Patrick AFB, FL (SXHT)

Officers	Enlisted	Students	Civilians
458	1,139	0	1,693

PERSONNEL SUMMARY FOR: SUBASE KINGSBAY, GA (N42237)

BASE POPULATION (FY 2005):

Officers	Enlisted	Students	Civilians
677	5,725	300	3,069

PROGRAMMED INSTALLATION (NON-BRAC) CHANGES FOR: SUBASE KINGSBAY, GA (N42237)

	2006	2007	2008	2009	2010	2011	Total
Officers	3	0	0	0	0	0	3
Enlisted	-9	-1	0	0	0	0	-10
Students	0	0	0	0	0	0	0
Civilians	-5	-9	-2	-2	-4	0	-22
TOTAL	-11	-10	-2	-2	-4	0	-29

BASE POPULATION (Prior to BRAC Action) FOR: SUBASE KINGSBAY, GA (N42237)

Officers	Enlisted	Students	Civilians
680	5,715	300	3,047

DCN:11673

COBRA PERSONNEL SUMMARY REPORT (COBRA v6.10) - Page 3
Data As Of 7/5/2005 1:47:20 PM, Report Created 8/9/2005 12:47:09 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 3 - updated milcon and contrs\Alt 3 - Pa
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

PERSONNEL REALIGNMENTS:
From Base: Patrick AFB, FL (SXHT)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	5	0	0	8	13
Enlisted	0	0	40	0	0	47	87
Students	0	0	0	0	0	0	0
Civilians	0	0	0	0	0	22	22
TOTAL	0	0	45	0	0	77	122

TOTAL PERSONNEL REALIGNMENTS (Into SUBASE KINGSBAY, GA (N42237)):

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	5	0	0	8	13
Enlisted	0	0	40	0	0	47	87
Students	0	0	0	0	0	0	0
Civilians	0	0	0	0	0	22	22
TOTAL	0	0	45	0	0	77	122

BASE POPULATION (After BRAC Action) FOR: SUBASE KINGSBAY, GA (N42237)

Officers	Enlisted	Students	Civilians
693	5,802	300	3,069

DCN:11673

COBRA SUSTAINMENT/RECAP/BOS/HOUSING CHANGE REPORT (COBRA v6.10)
Data As Of 7/5/2005 1:47:20 PM, Report Created 8/9/2005 12:47:09 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 3 - updated milcon and contrs\Alt 3 - Pa
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

Net Change($K)	2006	2007	2008	2009	2010	2011	Total	Beyond
Sustain Change	0	404	299	299	991	639	2,632	639
Recap Change	0	220	-30	-30	346	-486	20	-486
BOS Change	0	0	-319	-319	-319	-1,576	-2,533	-1,576
Housing Change	0	0	0	0	0	0	0	0
TOTAL CHANGES	0	624	-50	-50	1,018	-1,422	119	-1,422

Patrick AFB, FL (SXHT)

Net Change($K)	2006	2007	2008	2009	2010	2011	Total	Beyond
Sustain Change	0	0	-105	-105	-105	-456	-773	-456
Recap Change	0	0	-250	-250	-250	-1,082	-1,832	-1,082
BOS Change	0	0	-438	-438	-438	-1,897	-3,211	-1,897
Housing Change	0	0	0	0	0	0	0	0
TOTAL CHANGES	0	0	-793	-793	-793	-3,437	-5,816	-3,437

SUBASE KINGSBAY, GA (N42237)

Net Change($K)	2006	2007	2008	2009	2010	2011	Total	Beyond
Sustain Change	0	404	404	404	1,096	1,096	3,405	1,096
Recap Change	0	220	220	220	596	596	1,852	596
BOS Change	0	0	119	119	119	322	678	322
Housing Change	0	0	0	0	0	0	0	0
TOTAL CHANGES	0	624	743	743	1,811	2,014	5,935	2,014

DCN:11673

COBRA INPUT DATA REPORT (COBRA v6.10)
Data As Of 7/5/2005 1:47:20 PM, Report Created 8/9/2005 12:47:09 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 3 - updated milcon and contrs\Alt 3 - Pa
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\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:
Patrick AFB, FL (SXHT)	Realignment
SUBASE KINGSBAY, GA (N42237)	Realignment

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

Point A:	Point B:	Distance:
Patrick AFB, FL (SXHT)	SUBASE KINGSBAY, GA (N42237)	209 mi

INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from Patrick AFB, FL (SXHT) to SUBASE KINGSBAY, GA (N42237)

	2006	2007	2008	2009	2010	2011
Officer Positions:	0	0	5	0	0	8
Enlisted Positions:	0	0	40	0	0	47
Civilian Positions:	0	0	0	0	0	22
Student Positions:	0	0	0	0	0	0
NonVeh Missn Eqpt(tons):	0	0	26	0	0	4,000
Suppt Eqpt (tons):	0	0	30	0	0	400
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: Patrick AFB, FL (SXHT)

Total Officer Employees:	477	Base Service (for BOS/Sust):	Air Force
Total Enlisted Employees:	1,256	Total Sustainment($K/Year):	14,285
Total Student Employees:	0	Sustain Payroll ($K/Year):	10,839
Total Civilian Employees:	1,752	BOS Non-Payroll ($K/Year):	63,415
Accomp Mil not Receiving BAH:	28.5%	BOS Payroll ($K/Year):	31,319
Officer Housing Units Avail:	0	Family Housing ($K/Year):	10,907
Enlisted Housing Units Avail:	0	Installation PRV($K):	988,732
Starting Facilities(KSF):	3,211	Svc/Agcy Recap Rate (Years):	121
Officer BAH ($/Month):	1,381	Homeowner Assistance Program:	Yes
Enlisted BAH ($/Month):	942		
Civ Locality Pay Factor:	1.109		
Area Cost Factor:	0.97		
Per Diem Rate ($/Day):	144		
Freight Cost ($/Ton/Mile):	0.24		
Vehicle Cost ($/Lift/Mile):	4.84		
Latitude:	28.235042		
Longitude:	-80.607996		

TRICARE	In-Pat Admits	Out-Pat Visits	Prescrip
CostFactor	5,468.69	114.00	20.07
Actv MTF	0	37,296	53,260
Actv Purch	635	35,595	
Retiree	0	29,768	201,103
Retiree65+	0	3,431	385,793

DCN:11673

COBRA INPUT DATA REPORT (COBRA v6.10) - Page 2
Data As Of 7/5/2005 1:47:20 PM, Report Created 8/9/2005 12:47:09 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 3 - updated milcon and contrs\Alt 3 - Pa
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: SUBASE KINGSBAY, GA (N42237)

Total Officer Employees:	677	Base Service (for BOS/Sust):	Navy
Total Enlisted Employees:	5,725	Total Sustainment($K/Year):	30,299
Total Student Employees:	300	Sustain Payroll ($K/Year):	735
Total Civilian Employees:	3,069	BOS Non-Payroll ($K/Year):	49,189
Accomp Mil not Receiving BAH:	96.8%	BOS Payroll ($K/Year):	10,453
Officer Housing Units Avail:	1	Family Housing ($K/Year):	3,996
Enlisted Housing Units Avail:	8	Installation PRV($K):	1,805,139
Starting Facilities(KSF):	5,627	Svc/Agcy Recap Rate (Years):	114
Officer BAH ($/Month):	874	Homeowner Assistance Program:	Yes
Enlisted BAH ($/Month):	688		
Civ Locality Pay Factor:	1.109		
Area Cost Factor:	0.99		
Per Diem Rate ($/Day):	86		
Freight Cost ($/Ton/Mile):	0.25		
Vehicle Cost ($/Lift/Mile):	4.84		
Latitude:	30.480000		
Longitude:	-81.410000		

TRICARE	In-Pat Admits	Out-Pat Visits	Prescrip
CostFactor	6,521.00	108.00	23.66
Actv MTF	0	55,690	74,917
Actv Purch	1,102	69,712	
Retiree	0	9,433	44,138
Retiree65+	0	159	19,837

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: Patrick AFB, FL (SXHT)

	2006	2007	2008	2009	2010	2011
1-Time Unique Cost ($K):	0	0	0	0	0	1,060
1-Time Unique Save ($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	42
Activ Mission Save ($K):	0	0	0	0	0	73,800
Misn Contract Start($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	880
Misc Recurring Cost($K):	0	0	0	0	0	0
Misc Recurring Save($K):	0	0	0	0	0	1,900
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	273	273

MTF Closure Action: None Fac ShDn(KSF): 425 FH ShDn: 0.000%

DCN:11673

COBRA INPUT DATA REPORT (COBRA v6.10) - Page 3
Data As Of 7/5/2005 1:47:20 PM, Report Created 8/9/2005 12:47:09 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 3 - updated milcon and contrs\Alt 3 - Pa
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: SUBASE KINGSBAY, GA (N42237)

	2006	2007	2008	2009	2010	2011
1-Time Unique Cost ($K):	0	0	12,220	0	1,380	7,934
1-Time Unique Save ($K):	0	0	0	0	0	0
1-Time Moving Cost ($K):	0	0	0	0	0	7,500
1-Time Moving Save ($K):	0	0	0	0	0	0
Env Non-MilCon Reqd($K):	0	0	140	0	0	0
Activ Mission Cost ($K):	0	0	0	0	0	73,800
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($K):	0	0	0	0	260	260
Misc Recurring Save($K):	0	0	0	0	0	4,000
One-Time IT Costs ($K):	0	0	0	0	0	84
Construction Schedule(%):	0%	0%	0%	0%	0%	0%
Shutdown Schedule (%):	0%	0%	0%	0%	0%	0%
Misn Milcon Avoidnc($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%

INPUT SCREEN SIX - BASE PERSONNEL INFORMATION

Name: Patrick AFB, FL (SXHT)

	2006	2007	2008	2009	2010	2011
Off Scenario Change:	0	0	0	0	0	-6
Enl Scenario Change:	0	0	0	0	0	-30
Civ Scenario Change:	0	0	0	0	0	-37
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:	50%	0%	0%	0%	0%	0%

Name: SUBASE KINGSBAY, GA (N42237)

	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:	3	0	0	0	0	0
Enl Prog nonBRAC Change:	-9	-1	0	0	0	0
Civ Prog nonBRAC Change:	-5	-9	-2	-2	-4	0
Stu Prog nonBRAC Change:	0	0	0	0	0	0
Prog FH Privatization:	0%	100%	0%	0%	0%	0%

DCN:11673

COBRA INPUT DATA REPORT (COBRA v6.10) - Page 4
Data As Of 7/5/2005 1:47:20 PM, Report Created 8/9/2005 12:47:09 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 3 - updated milcon and contrs\Alt 3 - Pa
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

INPUT SCREEN SEVEN - BASE MILITARY CONSTRUCTION INFORMATION

Name: SUBASE KINGSBAY, GA (N42237)

FAC	UM	New MilCon	Rehab MilCon	TotCost($K)	FPG Con CF	FPG Sust CF
1721	SF	17,000	0 Default	0	184.67	5.31
2123	SF	10,000	0 Default	0	167.74	2.64
2126	SF	25,000	0 Default	0	393.25	8.48
3121	SF	30,000	0 Default	0	299.34	3.16
3191	SF	35,000	0 Default	0	147.68	3.32
4421	SF	35,000	0 Default	0	75.98	2.06
4423	SF	2,400	0 Default	0	122.74	5.17
6100	SF	160,000	0 Default	0	138.78	2.52
8521	SY	21,000	0 Default	0	45.83	1.07
8122	LF	11,000	0 Default	0	11.05	1.13
8511	SY	14,000	0 Default	0	22.25	0.54
8522	SY	90,000	0 Default	0	6.75	0.16
8321	LF	11,000	0 Default	0	51.48	0.06
8421	LF	6,000	0 Default	0	39.03	0.85
8121	LF	15,000	0 Default	0	31.84	0.18
8121	LF	600	0 Default	0	31.84	0.18
8131	KV	60,000	0 Default	0	66.22	2.12
8121	LF	600	0 Default	280	31.84	0.18

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%

DCN:11673

COBRA INPUT DATA REPORT (COBRA v6.10) - Page 5
Data As Of 7/5/2005 1:47:20 PM, Report Created 8/9/2005 12:47:09 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 3 - updated milcon and contrs\Alt 3 - Pa
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

STANDARD FACTORS SCREEN THREE - TRANSPORTATION

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

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 3 - updated milcon and contrs\Alt 3 - Pa
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

FOOTNOTES FOR SCREEN ONE
==========
Source Data
1. TECH-0018,Part5 Response from DON, 15 Feb 2005.xls
2. TJCSG approved assumptions were not applied as directed by TJCSG, Navy Submit includes
Navy Assumptions.

NPV results of 6.08 are $4081K greater than those of 6.07.

Data Standards

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* reassigned personnel + 150 * 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
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 leas 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 :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 3 - updated milcon and contrs\Alt 3 - Pa
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

FOOTNOTES FOR SCREEN THREE
==========
Certified Data Source 1:

Patrick AFB to Kingsbay

Officers: NAVORTESTU_CAPE_CANAVERAL_FL rationale: OTSU 2 OFFICERS. Personnel require secure facility for the handling of classified information. Ship services are on coordinated dwg. NAVORDTESTU_CAPE_CANAVERAL_FL rationale: Based on program requirements in SPOSE. NOTU has to support ship and flight test mission requirements. Includes SPF(C)det. Would relocate with transition of CX30.

Enlisted: NOTU rationale: OTSU 2 ENLISTED contingent. Currently housed in an area 3000 sq. ft. Require secure area for handling and processing of classified information. NOTU rationale: TI team which remain joined to CX30 until relocation. Requires classified material handling, and storage area. NOTU rationale: SPF (C) det. Would relocate with transition of CX30.

Personnel: NOTU rationale: MWR personnel, under CNRSE NOTU rationale: Flight test mission support personnel for both coast. Requires office space and areas to handle and process classified information. NOTU rationale: SPF(C) detachment. Relocates when D5LE development complete and CX30 is relocated.

Mission Equipment 2008: 26 Tons Flight Test Support Vans.
Mission Equipment 2011: 4000 Tons Relocation of CX30, GTB, PILS, DARC

Support Equipment 2008: 30 Tons Certified Data without justification.
Support Equipment 2011: 400 Tons
145 Tons,17 Forklifts, either relocated to KB or distributed throughout the Navy.
60 Tons, Relocate 2 service units and associated equipment.
195 Tons, Equipment (desks, equipment, safes, bookcases, data roll table, electronic components need to support operations).

FOOTNOTES FOR SCREEN FIVE
==========
Patrick AFB

One-Time Unique Cost -Losing:
Recalibration / Repair of Relocated Equipment 60K FY11,Some of the equipment being relocated is sensitive to vibration etc and will require recalibration after it is relocated. We would expect that there would be significant repair requirements as well

Removal 120 Ton Portal Crane: 400K FY11,Navy Class III property to be removed before turnover to AF.

Removal 45 Ton Portal Crane: 300K FY11,Navy Class III property to be removed before turnover to AF.

Removal 110 Gantry Crane: 150K FY11,Navy Class III property to be removed before turnover to AF.

Removal Access Stand: 150K FY11,Navy Class III property to be removed before turnover to AF.

Mission Cost:
Travel to support Range meetings/ops: 42K Cost associated with 2 ops and related monthly travel.

Support Contract Terminating Cost:

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 3 - updated milcon and contrs\Alt 3 - Pa
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

Severance pay: 750K FY11, BOS contractor layoffs of direct contractor support.
Severance pay: 100K Air Force contractor support
Severance pay: 30K Air Force support

Miscellaneous Recurring Savings:

Dredging: 350K Trident area specific dredging and quarterly surveys
Force protection cost: 1400K Cost transferred to Air Force due to force protection criteria
150K Savings from reduced manning

Procurement Cost Avoidances- Losing:

Camels: 273K FY10, Camel Replacement Procurement(Lifecycle)
Camels: 273K FY11, Camel Replacement Procurement(Lifecycle)

Facility shutdown certified data 425.4KSF without further detail

Kings Bay

One Time Unique Cost-Receiving:

Facility Activation Costs: Develop operational procedures: 4000K Facility Activation Costs: Test and Development are very different from Tactical production so documentation/procedures would need to be developed to keep these disciplines separate. Additionally, activation documentation would need to be required for acceptance of each new facility plus the establishment of each capability.

Reorganize and realign SWFLANT functions: 130K Develop Appropriate Staffing Plan: SWFLANT would be assigned a great deal more responsibility and therefore would be required to adjust command structure to support new and very different missions. 1 Man-yr in FY10

Storage space for queuing and distribution would need to be established before new permanent storage would be available.: 2500K 50 KSF required per year in FY10 & FY11 to support equipment transfers. $25/SF x 50KSF = $1,250K per year

Unique facility equipment would be required to be refurbished before installation in new facility.: 684K 5 Man-Hrs/Ton x $72/Man-Hr = $360/Ton

GDAIS Operations and Maintenance of GTB: 2000K GTB is currently operated and maintained by GDAIS. Contract support for new facility would need to be accomplished at the same time as maintaining old facility for a period of 6 months. The turn over cost captured in 35 One-time unique costs. Operational costs for GTB at Kings Bay is based on estimate of $2,000K.

Fender System-Cleats for ARDM: 4990K Existing ARDM mooring located at Site 6 does not have a fender system or cleats to accommodate the USNS Waters. The Layberth will not be used as a mooring site for the Waters. Layberth is needed to berth visiting ships.

Repair Site 6 Layberth Fender System: 2230K Existing fender system is in poor condition. The Layberth pier will be used to load equipment trailers on the USNS Waters prior to departing for the test range.

Floating Security Barrier Site 6: 5000K The USNS Waters will be berthed at Site 6 which is located outside the WRA. A new floating security will be required to enclose the berthing area.

Environmental Non-MILCON COST- RECEIVING:
Categorical Exclusion (CATEX): 10K Based on action in scenario and no requirements for NEPA, an EA or EIS is not required. Perform CATEX w/in-house personnel. Would include action #1 also.

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 3 - updated milcon and contrs\Alt 3 - Pa
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

Compliance Plans: 130K Updates to legally required compliance plans -
Spill Prevention, Control & Countermeasure, Facility Response, HAZWASTE Mgmt Plan, Natural Resource Management and Industrial Waste Water Management.

Miscellaneous Recurring Costs- Receiving:

The additional 75 personnel will require computer support.: 260K Due to the expected dispersed location and unique computing requirement two additional BAI computer support personnel will be required.

Miscellaneous Recurring Savings- Receiving:

Reduction of 20 LMSS Contractor Support Personnel: 4000K This is the savings realized by effort already provided within the current LM SWFLANT contract workforce.

One Time IT Cost- Receiving:

The additional 75 personnel (53 Mil and 22 Civ) will require computer support.:
84K Assume 70% of military personnel (53 x 70%=37) and all civilians (22) will require a computer. Also assume that 30% of desktop computers can transfer to receiving activity. Finally, assume cost is $2K per individual for a computer suite. [(37+22) individual computer requirements - 30%(37+22) transferred computers] x $2K for new computer suite = $84K

FOOTNOTES FOR SCREEN SIX
==========
Patrick AFB
OFFICER POSITIONS: 6 eliminations 2011, NAVORDTESTU_CAPE_CANAVERAL_FL rationale:
Command disestablishment CO/XO, Admin, Supply, Port Ops.

ENLISTED POSITIONS:30 eliminations 2011, NAVORDTESTU_CAPE_CANAVERAL_FL rationale: Supply, Admin, Port Ops

CIVILIAN POSITIONS: 37 eliminations 2011, NAVORDTESTU_CAPE_CANAVERAL_FL rationale: QA, Admin, MIS, Security, Safety, Haz Waste, Fac Engineering, Finance.

FOOTNOTES FOR SCREEN SEVEN
==========
FAC	FAC DESCRIPTION	UM	NEW MILCON(UM)	TOTAL COST($K),IF PROVIDED

RESPONDANTS RATIONALE

1721 Flight Simulator Facility sf 17000
Respondent's rationale: CCN 17135- New developmental facility in support of SPALT development, problem resolution, ordnance testing and equipment proofing.

2123 Missile/Launcher Maintenance Support Facility sf 10000
Respondent's rationale: CCN 21220- New maintenance shop in support of M250 refurbishment and support equipment machine work, Contractor admin space, electronics environmentally controlled storage. 50% facility to be environmentally controlled, 50% covered storage.

2126 Intercontinental Ballistic Missile Processing Facili sf 25000
Respondent's rationale: CCN 21250- New production building for Test Missile Kit production, Missile Checkout (C-MESSA mock-up), Service Unit Trainer, KDT fault isolation work. Special exhaust requirement; Crane required.# 57511, 57512, 62820

3121 Missile and Space RDT&E Facility sf 30000

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 3 - updated milcon and contrs\Alt 3 - Pa
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

Respondent's rationale: CCN 31215, 31220- New facility for the testing of guidance and control systems including tactical FC system software testing, guidance calibration, labs and star sightings. Strict environmental requirements necessary, as well as special foundation, overhead cranes and stabilized power.

3191 Miscellaneous Item and Equipment RDT&E Facility sf 35000
Respondent's rationale: CCN 31915- New facility for environmentally controlled storage of contractor support equipment, flight test support equipment, DASO support equipment and MESSA equipment.

4421 Covered Storage Building, Installation sf 35000
Respondent's rationale: CCN 44110- New facility for general storage space to support NOTU and support contractors.

4423 Hazardous Materials Storage, Installation SF 2400
Respondent's rationale: CCN 44130- New facility for hazardous and flammable storage containing two bays for incompatible materials.

6100 General Administrative Building sf 60000
Respondent's rationale: CCN 61010- New admin space will be required to support the NOTU mission. This quantity of available admin space does not presently exist at NSB Kings Bay. Various antenna requirements, UPS, 10K SF of TS Storage space, video, surveillance, and alarm system. Requires secret links to SETA and GTB buildings. Must receive telemetry data from Eastern Range.

8521 Vehicle Parking, Surfaced sy 21000
Respondent's rationale: CCN 85210- New parking will be required at the site of the new NOTU Complex. The complex will be sited in an unimproved area.

8122 Exterior Lighting Lines lf 11000
Respondent's rationale: CCN 81220- New street and parking lot lighting for the NOTU Complex.

8511 Road, Surfaced sy 14000
Respondent's rationale: CCN 85110- New road to the NOTU Complex.

8522 Vehicle Parking, Unsurfaced SY 90000
Respondent's rationale: CCN 85235- New paved lay-down and staging areas for the NOTU Complex. Includes 60,000 SF for FTS Vans.

8321 Sewer and Industrial Waste Line lf 11000
Respondent's rationale: New wastewater utilities will be required to serve the NOTU Complex. New lift stations and forcemains will be required.

8421 Water Distribution Line, Potable lf 6000
Respondent's rationale: Major upgrades will be required to the SUBASE potable water systems. New water mains will be required to serve the new NOTU Complex.

8121 Electrical Power Distribution Line lf 15000
Respondent's rationale: New ductbank and cabling will be required to serve the NOTU Complex from Substation #1.

8121 Electrical Power Distribution Line lf 600
Respondent's rationale: The ARDM substation was removed when the ARDM-1 left Kings Bay. New power service to the ARDM can be fed from the existing Site 6 power system. New conduit, cable, breakers, and service hoods will be required. 8 circuits will be required.

8131 Electrical Power Substation and Switching KV 60000
Respondent's rationale: Electrical system upgrades will be required at

DCN:11673

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 3 - updated milcon and contrs\Alt 3 - Pa
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

Sub-Station #1 to accommodate the NOTU Complex. A new generator will be added to Substation 1.

8121 Electrical Power Distribution Line LF 600
280 Respondent's rationale: The ARDM substation was removed when the ARDM-1 left Kings Bay. New power service to the ARDM can be fed from the existing Site 6 power system. New conduit, cable, breakers, and service hoods will be required. 8 circuits will be required.

DCN:11673

COBRA ECONOMIC IMPACT REPORT (COBRA v6.10)
Data As Of 7/5/2005 1:47:20 PM, Report Created 8/9/2005 12:47:09 PM

Department :
Scenario File : C:\Documents and Settings\obornj\My Documents\ALT COBRA\TECH\182\Alt 3 - updated milcon and contrs\Alt 3 - Pa
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\obornj\My Documents\COBRA 6.10 April 21 2005\BRAC2005.SFF

Patrick AFB, FL (SXHT)

	2006	2007	2008	2009	2010	2011	Total
Jobs Gained-Mil	0	0	0	0	0	0	0
Jobs Lost-Mil	0	0	45	0	0	91	136
NET CHANGE-Mil	0	0	-45	0	0	-91	-136
Jobs Gained-Civ	0	0	0	0	0	0	0
Jobs Lost-Civ	0	0	0	0	0	59	59
NET CHANGE-Civ	0	0	0	0	0	-59	-59
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

SUBASE KINGSBAY, GA (N42237)

	2006	2007	2008	2009	2010	2011	Total
Jobs Gained-Mil	0	0	45	0	0	55	100
Jobs Lost-Mil	0	0	0	0	0	0	0
NET CHANGE-Mil	0	0	45	0	0	55	100
Jobs Gained-Civ	0	0	0	0	0	22	22
Jobs Lost-Civ	0	0	0	0	0	0	0
NET CHANGE-Civ	0	0	0	0	0	22	22
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:11673

TECH 12
NOTU

REPORT

FOR

ECONOMIC DEVELOPMENT COMMISSION OF FLORIDA'S SPACE COAST

COBRA Model Analysis Regarding Naval Ordnance Test Unit, Patrick Air Force Base, Cape Canaveral Base Realignment and Closure Commission Recommendation

5 July 2005

Submitted by:
Whitney, Bradley & Brown, Inc.
1604 Spring Hill Road
Suite 200
Vienna, Virginia 22182

For release only by Economic Development Commission of Florida's Space Coast

Table of Contents

I. Executive Summary 3

II. Introduction 4

III. Military Value Criteria 6

IV. Other Considerations Criteria 7

V. Scenario Development 7

VI. COBRA Model Description 7

VII. Naval Ordnance Test Unit 8

VIII. DoD Base Realignment and Closure Recommendation 9

IX. COBRA Analysis 10

X. Conclusion 12

Appendix 1: COBRA Data Baseline Case File 13

Appendix 2: COBRA Data Alternative Excursions Files 14

For release only by Economic Development Commission of Florida's Space Coast

I. Executive Summary

Secretary of Defense Rumsfeld provided the Base Realignment and Closure (BRAC) Commission the *Department of Defense Base Closure and Realignment Report* on May 13, 2005. The report contained recommendations to align the United States base force structure with the force structure that is expected to be needed over the next 20 years. The report recommendations focus on implementing Department of Defense (DoD) global force reposturing, facilitate the ongoing transformation of United States military forces to meet the challenges of the 21st Century and restructure important support functions to capitalize on advances in technology and business practices. The BRAC goals are to support United States military force transformation, address the new and emerging security challenges, promote jointness and achieve significant savings.

To accomplish the BRAC process, the DoD organized into two analysis groups: the Military Departments and Joint Cross-Service Groups (JCSGs). The Military Departments looked at installations specifically devoted to their individual requirements as well as supporting operational forces, while the JCSGs focused on bases and functions that represent DoD's common infrastructure.

One JCSG, the Technical Joint Cross-Service Group explored research, development, acquisition, test and evaluation (RDAT&E) functions across the Department of Defense. The Weapons and Armaments (W&A) subgroup provided a recommendation to realign Patrick Air Force Base, Cape Canaveral, FL, by relocating Nuclear Test and Evaluation at the Naval Ordnance Test Unit (NOTU) to Strategic Weapons Facility Atlantic, Kings Bay, GA. The subgroup based its recommendation on an evaluation of military value criteria, a review of scenarios to maximize military value and minimize capacity retained and a comparison against other considerations to include Payback Period, Environmental Factors, Community Infrastructure and Economic Impact.

The BRAC COBRA Model was then used to calculate the savings associated with this relocation of the NOTU. Upon examination of the COBRA Model data concerning the NOTU (referred to as the Baseline Case), Whitney, Bradley & Brown (WBB), Inc. found that the DoD analysis for the most part is sound. Exceptions are in Military Construction (MILCON) where the guidance calls for a 160,000-square-foot building and the DoD COBRA model runs a 60,000-square-foot building, and in NOTU-specific contractor support costs which were not included in the DoD analysis. An alternative COBRA run containing these two factors performed by WBB adds more than $24 million to the one-time costs, reduces the Net Present Value (NPV) by more than $26 million and increases the payback period from seven to 10 years.

For release only by Economic Development Commission of Florida's Space Coast

COBRA Model Excursion – Naval Ordnance Test Unit		
	Baseline DoD Scenario	**Alternative – Adds MILCON and contractor support costs**
Net Present Value	$-61.417 million	$-35.052 million
Payback Period	7 years	10 years
One-time Cost	$86.442 million	$110.690 million
Issues	Relocates NOTU to Kings Bay, GA	Scenario adds MILCON and contractor support costs.
Impact	None.	Less savings and longer Payback Period.

II. Introduction

Public Law 101-510, as amended, requires the Secretary of Defense to provide the Defense Base Closure and Realignment Commission a report containing the Department of Defense (DoD) recommendations to realign or close military installations within the United States and its territories. Secretary Rumsfeld complied with this requirement on May 13, 2005.

The DoD recommendations are intended to align U.S. base structure with the force structure that is expected to be needed over the next 20 years. These proposals focus on implementing DoD global force reposturing, facilitate the ongoing transformation of U.S. forces to meet the challenges of the 21st Century and restructure important support functions to capitalize on advances in technology and business practices. Overall, these recommendations are designed to support force transformation; address new threats, strategies and force protection concerns; consolidate business-oriented support functions; promote joint and multi-Service basing; and provide significant savings.

As required by law, the base realignment and closure (BRAC) process entailed comprehensive and comparable analyses of all installations in the United States and its territories, using military value as the primary consideration. In reviewing its base structure, DoD considered the capabilities needed to support potential mobilization and surge requirements, as well as the unique installation needs of Reserve Component forces. Moreover, DoD placed special emphasis on retaining the infrastructure and capabilities necessary to respond to contingencies.

DoD organized its analysis into two groups: the Military Departments which analyzed installations devoted exclusively to their requirements, as well as supporting operational forces; and Joint Cross-Service Groups (JCSGs) which scrutinized the bases and functions that constitute the DoD's common support infrastructure. The joint groups were composed of senior representatives of the Military Departments, the Joint Staff and the Office of the Secretary of Defense (OSD). One JCSG is of interest to the Economic Development Commission of Florida's Space Coast, the Technical Joint Cross-Service Group.

For release only by Economic Development Commission of Florida's Space Coast

The Technical Joint Cross-Service Group (TJCSG) was chartered to review the following DoD technical functions: Research; Development and Acquisition; and, Test and Evaluation. The research function included basic research, exploratory development and advanced development. The development and acquisition function included system development and demonstration, systems modifications, experimentation and concept demonstration, product/in-service life-cycle support and acquisition. The test and evaluation function included the formal developmental test and evaluation (DT&E) and the formal operational test and evaluation (OT&E).

To baseline the TJCSG analysis and recommendation development, the group established two guiding principles and an overarching strategic framework. The two principles were:

- Provide efficiency of operations by consolidating technical facilities to enhance synergy and reduce excess capacity

- Maintain competition of ideas by retaining at least two geographically separated sites, each of which would have similar combination of technologies and functions. This would also provide continuity of operations in the event of an unexpected disruption

In concert with these two principles, the TJCSG used a strategic framework to establish multifunctional and multidisciplinary technical Research, Development, Acquisition, Training & Evaluation (RDAT&E) Centers of Excellence which should provide the scientific and technical advances to enable DoD to develop capabilities and weapons that are technologically superior to those of potential adversaries into the future. Furthermore, the multifunctional and multidisciplinary nature of the Centers of Excellence should allow for more rapid transition of technology and enhance integration of multiple technologies. Finally, the Centers of Excellence were to be complemented by DoD's existing technical facilities that have a disciplinary focus.

The TJCSG also recognized that to accomplish the DoD's RDAT&E functions effectively, key partners outside DoD were essential, to include other government organizations, industry, universities and the international community. Finally, the rapidly changing and uncertain environment of the 21st Century required that the TJCSG analysis and recommendations ensure that surge capability would be available for the future Defense RDAT&E infrastructure.

TJCSG recommendations provided the Department Centers of Excellence in the following three areas: Defense Research laboratories; RDAT&E Centers; and, Integrated Command, Control, Communications and Computers and Intelligence, Surveillance and Reconnaissance (C4ISR) Centers.

To organize its efforts, the TJCSG established five subgroups, each of which took responsibility for evaluating a set of technical activities. The subgroup of importance to the Economic Development Commission of Florida's Space Coast was the Weapons and Armaments Subgroup. Each subgroup conducted a detailed analysis for capacity, military value, scenario development and analysis; and, finally, developed and evaluated candidate recommendations.

III. Military Value Criteria

For release only by Economic Development Commission of Florida's Space Coast

As required by statute, the military value of an installation or activity was the primary consideration in developing DoD's recommendations for base realignments and closures. For DoD, military value has two components: a quantitative component and a qualitative component. The qualitative component is the exercise of military judgment and experience to ensure rational application of the criteria. The quantitative component assigns attributes, metrics and weights to the selection criteria to arrive at a relative scoring of facilities within assigned functions.

To arrive at a quantitative military value score, subgroup members began by identifying attributes or characteristics for each criterion. They weighted attributes to reflect their relative importance based on things such as their military judgment or experience, the Secretary of Defense's Transformational Guidance and BRAC principles. Metrics were subsequently developed to measure these attributes. The metrics were also weighted to reflect relative importance, again using military judgment, transformational guidance and BRAC principles. Once attributes had been identified and weighted, the subgroup members developed questions for use in military value data calls. If more than one question were required to assess a given metric, these were likewise weighted. Each analytical subgroup member prepared a scoring plan, and data-call questions were forwarded to the field. These plans established how answers to data-call questions were to be evaluated and scored. With the scoring plans in place, the Military Departments and JCSGs completed their military value data calls. These were then forwarded to the field by the Military Departments and Defense Agencies. The analytical subgroup members input the certified data responses into the scoring plans to arrive at a numerical score and a relative quantitative military value ranking of facilities/installations against their peers.

In selecting military installations for closure or realignment, DoD gave priority consideration to military value (the four criteria listed below):

(1) The current and future mission capabilities and the impact on operational readiness of the total force of the Department of Defense, including the impact on joint warfighting, training and readiness
(2) The availability and condition of land, facilities and associated airspace (including training areas suitable for maneuver by ground, naval or air forces throughout a diversity of climate and terrain areas and staging areas for the use of the Armed Forces in homeland defense missions) at both existing and potential receiving locations
(3) The ability to accommodate contingency, mobilization, surge and future total force requirements at both existing and potential receiving locations to support operations and training
(4) The cost of operations and the manpower implications

In addition to the Military Value criteria, other factors were considered.

IV. Other Considerations Criteria

Once the decision-makers determined that the particular scenario was consistent with or enhanced military value, they proceeded to evaluate the scenario against the remaining selection

For release only by Economic Development Commission of Florida's Space Coast

criteria. Those criteria include determining Payback and Economic Impact, Assessing Community Infrastructure and determining Environmental Impact. The Other Considerations criteria specifically include the following:

(5) The extent and timing of potential costs and savings, including the number of years, beginning with the date of completion of the closure or realignment, for the savings to exceed the costs
(6) The economic impact on existing communities in the vicinity of military installations
(7) The ability of the infrastructure of both the existing and potential receiving communities to support forces, missions and personnel
(8) The environmental impact, including the impact of costs related to potential environmental restoration, waste management and environmental compliance activities

In the final stages of the scenario analysis process, using analysis against all eight selection criteria, each analytical subgroup member determined which of its scenarios to recommend for approval. Any scenario recommended became a candidate recommendation. Nuclear T&E at the NOTU became one of those recommendations.

V. Scenario Development

With the capacity and military value analyses complete, the TJCSG then began an iterative process to identify potential closure and realignment scenarios. These scenarios were developed using either a data-driven optimization model or a strategy-driven approach. Each approach relied heavily on the military judgment and experience of the subgroup members.

The optimization models incorporated capacity and military value analysis results and force structure capabilities to identify scenarios that maximized military value and minimized the amount of capacity retained. These models were also used to explore options that minimized the number of sites required to accommodate a particular function or maximized potential savings. As data results were analyzed, the subgroup members evaluated additional scenario options.

A second methodology of generating scenarios for analysis was driven by the TJCSG strategy. Scenarios developed by this method were verified against data collected in earlier capacity and military value analysis.

VI. COBRA Model Description

COBRA (Cost of Base Realignment Actions) is an economic analysis model. It estimates the costs and savings associated with a proposed base closure or realignment action. The model output can be used to compare the relative cost benefits of alternative BRAC actions. COBRA is not designed to produce budget estimates but to provide a consistent and auditable method of evaluating and comparing different courses of action in terms of the resulting economic impacts for those costs and savings measured in the model.

The COBRA Model calculates the costs and savings of base stationing scenarios over a period of 20 years. It models all activities (moves, construction, procurements, sales, closures) as taking

For release only by Economic Development Commission of Florida's Space Coast

place during the first six years, and thereafter all costs and savings are treated as steady-state. The key output value produced is the Payback Year. This is the point in time where savings generated equal (and then exceed) costs incurred. In other words, this is the point when the realignment/closure has paid for itself and net savings begin to accrue. The Payback Period is the period between the end of the realignment action and the Payback Year.

The COBRA Model allows alternative closure/realignment scenarios to be compared in terms of when the Payback Year is reached. Should a Payback Year not be achieved for a specific scenario, that scenario will result in a net cost rather than savings. Similarly, if a scenario has a long Payback Period it will not start to generate net savings until well after the BRAC action would have been completed. Such an action would generally be less economically beneficial than one with an earlier Payback Year.

The COBRA Model also calculates and reports the Net Present Value (NPV) for the 20-year planning period of each scenario analyzed. NPV is the present value of future costs of a scenario, discounted at the appropriate rate, minus the present value of future savings from the scenario. All dollar values, regardless of when they occur, are measured in constant base-year dollars. This is important because it eliminates artificial distinctions between scenarios based on inflation, while highlighting the effects of timing on model results. Costs and savings are calculated for each year of the 20-year planning period. For each year, total costs and savings are then summed to determine a net cost for that year. The net cost of each year is then added to the net cost for preceding years to determine the total net cost to that point in time. The sum of the total net costs for all 20 years is the Net Present Value of the scenario.

VII. The Naval Ordnance Test Unit

The Naval Ordnance Test Unit exists to support missile test, deployed systems, surface ships and submarine operations at Cape Canaveral as well as Trident II flight test at other major range and test facilities base activities. Its core functions are:

- Navy liaison to the range for the planning and conduct of testing involving range assets for both Eastern and Pacific ranges.
- In-tube conversion (ITC) of submarine-launched ballistic missile (SLBM) test candidates, training of ITC personnel, conversion and post-conversion monitoring, and refurbishment of RF Telemetry sets.
- Program management, missile support design, missile and support equipment technical publications, fleet liaison and support equipment logistics.
- Provide government oversight for all SP contractors located at the Eastern Range, including testing operations at NOTU ground facilities, guidance flight testing using aircraft, and SLBM flight testing, and all support equipment work.
- Provide facilities and fleet support for U.S. and United Kingdom ballistic missile submarine demonstration and shakedown operations.
- Coordinate and manage all facets of Navy test launches and support operations from Launch Complex 46.

Additionally, NOTU operates the U.S. Navy port at Cape Canaveral, including providing logistics support and security for visiting U.S. and Allied fleet units and serves as homeport for

For release only by Economic Development Commission of Florida's Space Coast

USNS Waters. NOTU serves as a staging area for fleet operations, providing pier accommodations as well as personnel transfer vessel operations and services as requested by operating units on a not-to-interfere-with-program basis. NOTU's partners are the U.S. Air Force's 45th Space Wing, Commander Submarine Group 10-Kings Bay, the British Royal Navy, and the U.S. Army Corps of Engineers.

VIII. DoD Base Closure and Realignment Recommendation

The specific language regarding the Naval Ordnance Test Unit at Patrick Air Force Base, Cape Canaveral, FL, in the *Department of Defense Base Closure and Realignment Report*, May 2005, is contained below.

Consolidate Navy Strategic Test & Evaluation

Recommendation: 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.

Justification: This recommendation realigns the stand-alone east coast facility working in fullscale Nuclear Test & Evaluation at Cape Canaveral into a fully supported Navy nuclear operational site at Kings Bay to gain synergy in security (Anti-Terrorism Force Protection-ATFP), Fleet operational support and mission support infrastructure. Since 1956, the Fleet Ballistic Missile (FBM) Program, in support of the TRIDENT (D-Series) Missile, has executed land-based (pad) as well as sea-based (SSBN) test launches supported by the Naval Ordnance Test Unit (NOTU) at Cape Canaveral, FL. This facility provided both the launch support infrastructure as well as docking for sea-based pre- and post-launch events. Recent changes in ATFP requirements, the recent establishment of the Western Test Range in the Pacific, and the programmatic decision to no longer require land based (pad) launches at Cape Canaveral all lead to the realignment/relocation of this function to Kings Bay. This action aligns nicely with the overall Weapons and Armaments strategy to move smaller activities at remote sites into larger facilities to realize a significant synergy in support functions and costs while maintaining mission capability.

Payback: The total estimated one-time cost to the Department of Defense to implement this recommendation is $86.4M. The net of all costs and savings to the Department during the implementation period is a cost of $76.7M. Annual recurring savings to the Department after implementation are $13.4M with a return on investment expected in 7 years. The net present value of the costs and savings to the Department over 20 years is a savings of $61.4M.

Economic Impact on Communities: Assuming no economic recovery, this recommendation could result in a maximum potential reduction of 1,013 jobs (571 direct jobs and 442 indirect jobs) over the 2006-2011 period in Palm Bay-Melbourne-Titusville, FL, Metropolitan Statistical Area which is 0.4 percent of economic area employment. The aggregate economic impact of all recommended actions on this economic region of influence was considered and is at Appendix B of Volume I.

For release only by Economic Development Commission of Florida's Space Coast

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

Environmental Impact: This recommendation has the potential to impact cultural, archeological, or tribal resources; land use constraints or sensitive resource areas; marine mammals, resources, or sanctuaries; threatened and endangered species or critical habitat; water resources; and wetlands at Kings Bay. This recommendation has no impact on air quality; dredging; or noise. This recommendation will require spending approximately $0.1M on environmental compliance activities. This cost was included in the payback calculation. This recommendation does not otherwise impact the costs of environmental restoration, waste management, and environmental compliance activities. The aggregate environmental impact of all recommended BRAC actions affecting the bases in this recommendation has been reviewed. There are no known environmental impediments to implementation of this recommendation.

Each recommendation, rooted in the Department's long-term force structure plan and installation inventory, was measured against eight criteria. The Department gave priority consideration to military value (Criteria 1-4), then considered costs and savings (Criteria 5) and finally assessed the economic impact on local communities, the community support infrastructure and the environmental impact (Criteria 6-8).

IX. COBRA Analysis

A. Baseline Case – DoD Scenario

WBB examined the scenario concerning Patrick Air Force Base, Cape Canaveral, and the Naval Ordnance Test Unit data contained in the DoD COBRA Model. This scenario option will be referred to as the DoD Baseline. The DoD COBRA Model calculated the Net Present Value of $-61.417 million, a Payback Period of seven years and a one-time cost of $86.442 million for this scenario.

- After a thorough review of the COBRA Model calculations, WBB identified two possible inconsistencies impacting savings.

In summary, the DoD Baseline Case appears to have misstated the MILCON requirement by 100,000 square feet. While the DoD scenario shows a requirement of 160,000 square feet, the Model calculates a requirement of only 60,000 square feet. Additionally, the DoD COBRA Model does not include costs for some NOTU-specific contractors needed to support the T&E mission. Therefore, the savings (Net Present Value and the Payback Period) could be underestimated. (Baseline Case COBRA Model Data is in Appendix 1.)

Accordingly, WBB ran three alternative scenarios or excursions. These alternative scenarios captured and evaluated the omissions noted during the DoD Baseline Case COBRA Model data review. The three excursions examined include the following:

For release only by Economic Development Commission of Florida's Space Coast

- Alternative 1 – Add correct MILCON requirement.
- Alternative 2 – Add NOTU-specific contractor support costs.
- Alternative 3 – Add correct MILCON requirement and NOTU-specific contractor support costs.

B. Alternative 1 – Add correct MILCON requirement.

Alternative 1 is a scenario to examine how using the correct requirement of 160,000 square feet of building space as stated in the DoD scenario affects the cost of moving NOTU to Kings Bay.

Modification to COBRA Assumptions: 160,000 vice 60,000 square feet for office space.

Results: This excursion increases the one-time cost by $16.748 million, erodes the Net Present Value by $19.992 million and increases the payback time by two years (from seven to nine).

C. Alternative 2 – Add NOTU-specific contractor support costs.

Alternative 2 examines how moving 192 NOTU-specific contractor positions to Kings Bay would increase the cost of moving NOTU. The DoD COBRA Model assumed a 15% contractor savings for reduction in support to Patrick Air Force Base achieved by the relocation to Kings Bay. However, the DoD Baseline Scenario factored in no costs for relocating NOTU-specific contractors, which are 60% of the command. Using a commonly used workforce relocation factor of 30% of authorized personnel, Alternative 2 relocated 150 of the 492 NOTU contractors at a total cost of $7.5 million, or $50,000 per move.

Modification to COBRA Assumptions: Relocation of 150 NOTU-specific contractors'

Results: This excursion increases the one-time cost by $7.5 million, erodes Net Present Value by $6.443 million and increases the Payback Period by one year (from seven to eight).

D. Alternative 3 – Add correct MILCON requirement and NOTU-specific contractor support costs.

Alternative 3 examines how adding both the correct MILCON requirement of 160,000 square feet and the movement of 150 NOTU-specific contractors would impact the cost of the DoD proposed relocation.

Modification of COBRA Assumptions: 160,000 vice 60,000 square feet for office space and relocation of 150 NOTU-specific contractors.

Results: This excursion increases one-time costs by $24.248 million, erodes Net Present Value by $26.365 million and increases the Payback Period by three years (from seven to 10).

For release only by Economic Development Commission of Florida's Space Coast

X. Conclusion

The Department of Defense uses a methodical approach to determine BRAC realignment and closure recommendations. A thorough review by either the Military Departments or the Joint Cross-Service Groups examines the military value, develops appropriate scenarios and evaluates a set of four additional criteria. Finally COBRA, an economic analysis model, is used to calculate the associated recommendation cost and savings to determine a Net Present Value and Payback Period.

With respect to the proposed recommendation to realign Patrick Air Force Base, Cape Canaveral, FL, by relocating the Nuclear Test and Evaluation at the Naval Ordnance Test Unit to Strategic Weapons Facility Atlantic, Kings Bay, GA, from a COBRA model perspective the DoD analysis for the most part is sound. However, two exceptions were found regarding the correctness of the MILCON requirement and the cost of NOTU-specific contractor costs.

Where the DoD guidance calls for a 160,000-square-foot building, the DoD COBRA model runs a 60,000-square-foot building. Another possible area of debate is in civilian contractors working directly for the NOTU. Since NOTU is approximately 60% contractor supported, WBB recommends a review under the Base Information (Dynamic) Activity Mission Area to ensure completeness in the analysis. The major issue here is not one of cost but of ensuring there is an adequate educated and trained pool of personnel to perform the NOTU-specific mission should the DoD BRAC baseline be adopted. An alternative COBRA run performed by WBB using the correct MILCON requirement and moving 150 of the NOTU-specific personnel to Kings Bay adds more than $24 million to the one-time costs, reduces Net Present Value by more than $26 million and increases by payback period by a three years.

For release only by Economic Development Commission of Florida's Space Coast

Appendix 1: COBRA Data Baseline Case File

For release only by Economic Development Commission of Florida's Space Coast

Appendix 2: COBRA Data Excursion Files

For release only by Economic Development Commission of Florida's Space Coast

DCN:11673

BASE VISIT REPORT

Naval Ordnance Test Unit
Cape Canaveral, FL
June 9, 2005

LEAD COMMISSIONER:

James H. Bilbray

ACCOMPANYING COMMISSIONER:

None.

COMMISSION STAFF:

Lester C. Farrington

LIST OF ATTENDEES:

RADM Annette Brown—Commander, Navy Region Southeast, Jacksonville, FL
CAPT Jeff Gernand—Commanding Officer, Naval Ordnance Test Unit (NOTU)
CDR Davis—Executive Officer, NOTU
Dr. Sidney Beck—Chief Engineer, NOTU
Lilllian Bertsch—Public Affairs Officer, NOTU
Jim Howard—Director, Plans & Programs Div., Strategic Systems Programs, Wash., DC
Joe Graf—Strategic Systems Programs (SP2016)
D.W.Nelms—Defense Coordinator for the Executive Office of Gov. Jeb Bush
J.B.Kump—District Director for Rep. Dave Weldon
Douglas Mercer—Director, Infrastructure Assessment, Navy Region SE, Jacksonville

BASE'S PRESENT MISSION:

NOTU's mission is to support missile tests, deployed systems, surface ships and submarine operations at Cape Canaveral as well as TRIDENT II flight tests at other major ranges and test facilities.

SECRETARY OF DEFENSE RECOMMENDATION:

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.

SECRETARY OF DEFENSE JUSTIFICATION:

This recommendation realigns the stand-alone east coast facility working in full-scale nuclear test and evaluation at Cape Canaveral into a fully supported Navy nuclear operational site at Kings Bay to gain synergy in security (Anti-Terrorism Force Protection-ATFP), fleet operational support and mission support infrastructure. Recent changes in ATFP requirements, the recent establishment of the Western Test Range in the Pacific, and the programmatic decision to no longer require land based (pad) launches at Cape Canaveral all lead to the realignment/relocation of this function to Kings Bay.

MAIN FACILITIES REVIEWED:

Major facilities toured at the Naval Ordnance Test Unit—Systems Evaluation and Test Area (Complex 30);Test Operations (TOF);Guidance and Test Bldg; Hangars for equipment storage, cable repair and equipment checkout; Mechanical and Support Equipment Bldg (AQ), Impact Locating System for Re-entry Vehicles (AP); pier and berthing facilities.

KEY ISSUES IDENTIFIED

- The impact on military value by having to recreate a test and evaluation capability at Kings Bay that already exists at NOTU.
- Increased cost of submarine transit time from Kings Bay to NOTU that has not been captured by Navy.
- Decision made in 2/05 to allow 180 contractors currently off base to relocate on base. Issue is what the additional cost impact will have on relocation cost, whether or not factored in COBRA. With this change, total personnel affected by the relocation would be 757.
- Ability of Kings Bay to attract and hire qualified people, particularly engineers.

INSTALLATION CONCERNS RAISED

Four core functions (unique capabilities) are performed at NOTU only and not at Kings Bay

1. TRIDENT II missile flight testing.
2. D-5 missile capability development and modifications through the integrated test capability.
3. Navigation subsystem capability development and modifications.
4. Missile support equipment acceptance, design, logistics and troubleshooting.

Kings Bay focus is on tactical fleet support and the NOTU flight test mission will be significant added responsibility.

DASO testing execution will be a challenge in phasing the relocation to Kings Bay. D-5 missile testing needs in FY2005-2011 are significant. At Kings Bay all capabilities at NOTU will have to be replicated at Kings Bay since they do not have a test and evaluation mission.

Officials acknowledged that some submarine transit cost would be required when operations are established at Kings Bay; however, the increased transit time and cost has not been captured. Teams would have to be sent to NOTU for missile firings and test operations. The life of the D-5 missile has been extended to 2042. At Kings Bay missiles are assembled but not tested. NOTU uses the WATERS dedicated test ship for test operations; if NOTU is relocated the WATERS would move also.

A challenge exists in "the lack of brain power" in the Kings Bay area. NOTU has not done a survey of people who would and would not move. Such a survey won't be done until after a final decision is made on the DOD recommendation.

Concern raised that COBRA should capture demolition cost and contractor relocation cost.

COMMUNITY CONCERNS RAISED:

- If relocated to Kings Bay, NOTU military operations will be degraded and significantly more costly due to the vast increase in transit time from pier to test sites on the Eastern Range Complex, and a loss of synergy with test/range safety personnel resident at Patrick/Cape Canaveral.
- The demonstration and shakedown operation (DASO) is crucial to conveying requirements, complexities, and nuances to key decision makers, appropriators and U.S. allies. Doubling transit time to test firing sites will make the DASO mission extremely difficult, if not totally non-feasible. Also because of increased transit time, recovery to pier side for missile adjustment, and injured personnel offload/system emergencies will be hazardous.

- ATFP considerations are crucial to operations worldwide. Moving the testing mission to Kings Bay will be subjected to significantly greater threat potential than in its current location. Transit to dive point at Kings Bay requires a 2 and one half hour transit down a river where terrorist or saboteurs have a greater threat potential than in its current location. Current operations require a 15 minute transit to open water; landscape is open, providing little cover for terrorist operations.
- Required additional construction could drive COBRA ROI beyond the normally accepted 7 year payback standard. Building new infrastructure at Kings Bay has the potential to create adverse environmental impacts. Lack of sufficient housing, infrastructure, and community support facilities in Kings Bay create an untenable situation for military, civilian and contractor personnel. Cost of moving 320 civilian contractors was not included in COBRA.

Preliminary analysis by the community indicates that NOTU should remain at Cape Canaveral Air Station where synergies and operational effectiveness currently exist to support critical test mission accomplishment.

REQUESTS FOR STAFF AS A RESULT OF VISIT:

1. Side-by-side comparison of functions accomplished at NOTU & Kings Bay.
2. Documentation on the 2/05 decision to move 180 contractors "inside the fence."
3. Three (3) charts on challenges in relocating from NOTU to Kings Bay.

DCN:11673

Functional Quick Look

	SWFLANT	NOTU	Subase Kings Bay	Disposition	Notes
TRIDENT II (D5) Missile assembly, maintenance, storage, and component manufacure	X				
TLAM-N missile and weapon processing and storage	X				
Missile and weapons onload and offload for US and UK submarine fleets	X				
Special weapons processing and storage	X				
Nuclear weapons security	X				
Launcher equipment repair, storage, and maintenance.	X				
Missile and Strategic Weapons System radiography	X				
Instrument metrology, calibration, and repair for fleet and regional commands	X				
Missile support equipment maintenance, alteration, repair, certification, verification, and use	X	X		Relocates	SWFLANT equipment for tactical use. NOTU equipment for test, development and problem investigation.

Functional Quick Look

	SWFLANT	NOTU	Subase Kings Bay	Disposition	Notes
Inert missiles	X	X		Relocates	NOTU performs inert missile development. SWFLANT uses inert missiles for fleet requirements.
In-tube Conversion	X	X		Relocates	Training facilities and test missile equipment installation manning reside at NOTU. NOTU installs, monitors and verifies test missile kit at SWF (PAC or LANT) site. SWF converts payload from tactical to test configuration.
Missile Flight Testing		X		Relocates	
Missile, guidance, fire control integrated development, troubleshooting and proofing		X		Relocates	
Missile support equipment acceptance, design, logistics and troubleshooting		X		Relocates	
Navigation subsystem capability development and modification		X		Relocates	
Visiting ship port capability		X	X	Divest	
Submarine home port			X		

DCN:11673

L.C. FARRINGTON

DCN:11673

Commissioner's Base Visit Book

Patrick Air Force Base, FL Realignment Recommendations

The Honorable James H. Bilbray

09 June 2005

DCN:11673

PATRICK AIR FORCE BASE
NAVAL ORDNANCE TEST UNIT
COMMISSION BASE VISIT
June 9, 2005

TABLE OF CONTENTS

TAB

A. ITINERARY

B. BASE SUMMARY SHEET

C. SECRETARY OF DEFENSE RECOMMENDATION

D. SPIDER CHART

E. QUESTIONS FOR NAVAL ORDNANCE TEST UNIT

F. BACKGROUND INFORMATION—PATRICK/NOTU

G. STATE MAP/PATRICK INSTALLATION

H. STATE CLOSURE HISTORY LIST

I. PRESS ARTICLES AND CORRESPONDENCE

J.. COBRA RUN & BRAC DATA

DCN:11673

ITINERARY FOR 08/09-JUNE 2005
Patrick Air Force Base/Naval Ordnance Test Unit (NOTU) Visit

Commissioner Bilbray

TIME	EVENT	LOCATION	POC	ACTION
08-June 06:39 pm	Commissioner arrives at a/p	Orlando Airport	Les Farrington 774-262-2430 cell	Transport Commissioner to Hotel
09-June 07:15 am LV Radisson	07:30-11:00 Base Visit 11:15am Media Meeting	Naval Ordnance Test Unit (NOTU) FL Space Port Authority	Ken Warren, Public Affairs, Patrick AFB (321) 494-1425 (321) 508-2071 (cell) Lillian Bertsch NOTU 321-853-1298 321-480-1267 (cell)	Meetings with Patrick AFB and Naval Ordnance Test Unit officials; tour of areas affected by the DOD recommendation
09-June DL#158 14:05pm	Transport Commissioner to airport	Orlando Airport	Naval Ordnance Test Unit	Transportation

DCN:11673

DEFENSE BASE CLOSURE AND REALIGNMENT COMMISSION

BASE SUMMARY SHEET

PATRICK AIR FORCE BASE, FL

INSTALLATION MISSION

- The mission of the 45th Wing at Patrick is to enhance national strength through assured access to space for the Department of Defense, civil and commercial users. The Wing oversees the preparation and launching of satellites from Cape Canaveral Air Force Station, FL. It also operates the Eastern Range and provides logistics support to the Naval Ordnance Test Unit's missile tests and submarine operations at Cape Canaveral.
- The Naval Ordnance Test Unit, a tenant organization on Patrick, supports sea based testing of weapons systems and is stated to be the Navy's premier support center for strategic weapons system testing and is program manager for assigned missile support as well as the port of choice for visiting ships.

DoD RECOMMENDATION

- Realign Patrick Air Force Base, Cape Canaveral, FL, by relocating Nuclear Test and Evaluation at the Naval OrdnanceTest Unit to Strategic Weapons Facility Atlantic, Kings Bay, GA.

DoD JUSTIFICATION

- This recommendation realigns the stand-alone east coast facility averal into a fully supported working in full-scale Nuclear Test and Evaluation at Cape Canaveral into a fully supported Navy nuclear operational site at Kings Bay to gain synergy in security (anti-terrorism force protection), Fleet operational support and mission support infrastructure. Recent changes in anti-terrorism force protection requirements, the recent establishment of the Western Test Range in the Pacific, and the programmatic decision to no longer require land based (pad) launches at Cape Canaveral all lead to the realignment/relocation of this function to Kings Bay.

COST CONSIDERATIONS DEVELOPED BY DoD

- One-Time Costs: $ 86.4 million
- Net Savings (Cost) during Implementation: $ 76.7 million
- Annual Recurring Savings: $ 13.4 million
- Return on Investment Year: 7 years
- Net Present Value over 20 Years: $ 61.4 million

MANPOWER IMPLICATIONS OF THIS RECOMMENDATION (EXCLUDES CONTRACTORS)

	Military	Civilian	Students
Baseline			
Reductions			
Realignments	(122)	(73)	
Total	**(122)**	**(73)**	

MANPOWER IMPLICATIONS OF ALL RECOMMENDATIONS AFFECTING THIS INSTALLATION (INCLUDES ON-BASE CONTRACTORS AND STUDENTS)

	Out		**In**		**Net Gain (Loss)**	
	Military	Civilian	Military	Civilian	Military	Civilian
This Recommendation	(136)	(59)	0	0	(136)	(59)
Other Recommendation(s)	0	0	0	0	0	0
Total						

***Does not reflect -376 contractors that would be affected by this realignment.**

Consolidate Navy Strategic Test & Evaluation

Recommendation: 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.

Justification: This recommendation realigns the stand-alone east coast facility working in full-scale Nuclear Test & Evaluation at Cape Canaveral into a fully supported Navy nuclear operational site at Kings Bay to gain synergy in security (Anti-Terrorism Force Protection-ATFP), Fleet operational support and mission support infrastructure. Since 1956, the Fleet Ballistic Missile (FBM) Program, in support of the TRIDENT (D-Series) Missile, has executed land-based (pad) as well as sea-based (SSBN) test launches supported by the Naval Ordnance Test Unit (NOTU) at Cape Canaveral, FL. This facility provided both the launch support infrastructure as well as docking for sea-based pre- and post-launch events. Recent changes in ATFP requirements, the recent establishment of the Western Test Range in the Pacific, and the programmatic decision to no longer require land based (pad) launches at Cape Canaveral all lead to the realignment/relocation of this function to Kings Bay. This action aligns nicely with the overall Weapons and Armaments strategy to move smaller activities at remote sites into larger facilities to realize a significant synergy in support functions and costs while maintaining mission capability.

Payback: The total estimated one-time cost to the Department of Defense to implement this recommendation is $86.4M. The net of all costs and savings to the Department during the implementation period is a cost of $76.7M. Annual recurring savings to the Department after implementation are $13.4M with a return on investment expected in 7 years. The net present value of the costs and savings to the Department over 20 years is a savings of $61.4M.

Economic Impact on Communities: Assuming no economic recovery, this recommendation could result in a maximum potential reduction of 1013 jobs (571 direct jobs and 442 indirect jobs) over the 2006-2011 period in Palm Bay-Melbourne-Titusville, FL, Metropolitan Statistical Area which is 0.41 percent of economic area employment. The aggregate economic impact of all recommended actions on this economic region of influence was considered and is at Appendix B of Volume I.

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

Environmental Impact: This recommendation has the potential to impact cultural, archeological, or tribal resources; land use constraints or sensitive resource areas; marine mammals, resources, or sanctuaries; threatened and endangered species or critical habitat; water resources; and wetlands at Kings Bay. This recommendation has no impact on air quality; dredging; or noise. This recommendation will require spending approximately $0.1M on environmental compliance activities. This cost was included in the payback calculation. This recommendation does not otherwise impact the costs of environmental restoration, waste

management, and environmental compliance activities. The aggregate environmental impact of all recommended BRAC actions affecting the bases in this recommendation has been reviewed. There are no known environmental impediments to implementation of this recommendation.

DCN:11673

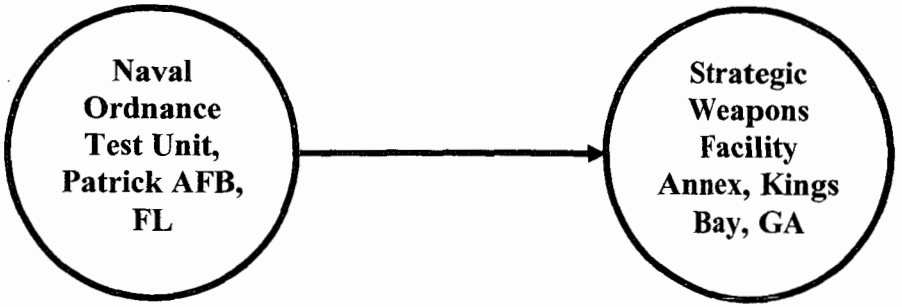
CONSOLIDATE NAVY STRATEGIC TEST & EVALUATION

PATRICK AFB, FL

REALIGN

Out		In		Net Gain/(Loss)		Net Mission Contractor	Total Direct
Mil	Civ	Mil	Civ	Mil	Civ		
(136)	(59)	0	0	(136)	(59)	0	(195)

Recommendation: 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.



DCN:11673

Questions for Naval Ordnance Test Unit (NOTU), tenant on Patrick Air Force Base, FL

1. **Prior to meeting with the Naval Ordnance Test Unit, obtain an overview brief from Patrick Air Force Officials regarding their mission, organization, capabilities, and current and projected workload.**

2. **Obtain clarification on the number of military, civilian and contractor personnel affected by the realignment. Information contained in Appendix C (p.C-6) of DOD's Base Closure and Realignment Report (Vol 1 part 1 of 2, May 2005) shows -136 military, -59 civilian and 0 net mission contractor. Part 2 of 2 of this report (Tech 12 Technical Joint Cross-Service Recommendations) shows an economic impact of 571 direct jobs lost. The Joint Cross Service Group advised that -376 contractor positions should have been included in App. C to result in a correct total of -571 jobs lost (136, 59, and 376).**

K's will be moved inside the fence

3. **To what extent will these changes in job losses affect initial estimates of savings? Please provide the numbers and types of jobs affected by the movement of the NOTU from Patrick to Kings Bay.**

don't know what fed BRC decision made

4. **What is the current mission of NOTU now and will it change at Kings Bay? Since land based (pad) launches are no longer performed at Cape Canaveral, how will the function of NOTU change at Kings Bay? How will this move affect the military value of NOTU?**

it won't change core competencies expansion of Kings Bay mission

5. **What is the role of contractors in the testing process and to what extent will technical skills be available at Kings Bay in the event that personnel now at Patrick may not move? Are there any issues associated with this relocation and does Kings Bay have sufficient capacity, infrastructure and technical capability to accommodate this relocation?**

yes

6. **Please provide copies of the certified data you supplied to OSD in response to data calls. Specifically, how will the move from Patrick to Kings Bay enhance the military value of the mission you perform?**

DCN:11673

Cape Canaveral Air Force Station

Patrick Air Force Base

Cape Links

Mission Spt Gp Home
History
Space/Missile Museum
Safety Guide
FAQs
Environmental

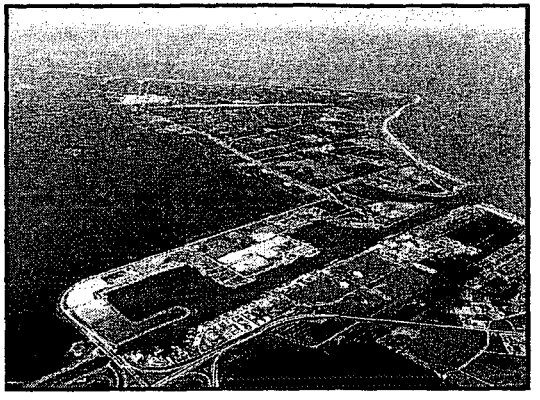
News Rack

Base Newspaper
Air&Space Power Jrnl
Air&Space Chronicles
Air&Space Power Jrnl International
Air Force News
Airman Magazine
AF TV News
AF Press Releases
AFSPC News Center
PAFB Bulletin
KSC Bulletin
Earlybird
Media Releases

Links

AF Link
AF Portal
AF Space Command
DeploymentLINK
DefenseLINK
FirstGov
Pubs/Forms
Enduring Freedom

You have landed at the 45th Space Wing, Cape Canaveral Air Force Station Commander's homepage. The Commander and staff operate as the Wing commander's liaison with both the internal Patrick AFB/Cape Canaveral Air Force Station communities, and the external communities surrounding Cape Canaveral Air Force Station.



Mission

Det 1, 45th Mission Support Group, otherwise known as the Cape Commander's office, is responsible for the day-to-day operations at Cape Canaveral Air Force Station. These responsibilities include monitoring multiple space launch support contracts with an estimated value in excess of $100 million dollars, as well as the management of facility repair/maintenance and utilization, and the security and environmental protection for the Cape. The commander of Det 1 exercises operational control over Mission Support Group personnel supporting Cape Canaveral AFS: security, civil engineering, contracting, and services. The Cape Commander and staff are also the stewards of the Cape, having responsibility for assets which include over 16,000 acres, over 1500 facilities, 4.6 million square feet of office space, and nearly $600 million in real estate with a work force of 10,000 people. The Cape Commander and staff are stewards of the environment with responsibility for protecting the wildlife, both endangered and protected species, as well as the plant life. Finally, the Cape Commander and his deputies serve as On-Scene

DCN:11673

Commander of Disaster Response Forces for all space launches and hazardous operations.

Contact Us

Executive Assistant: 853-3900
Cape Public Affairs: (321) 494-5933/DSN 854-5933
Email: 45swpa@patrick.af.mil

DCN:11673

Farrington, Lester, CIV, WSO-BRAC

From: Durso, James, CIV, WSO-BRAC
Sent: Friday, June 03, 2005 5:53 PM
To: Robertson, Kathleen, CIV, WSO-BRAC; Farrington, Lester, CIV, WSO-BRAC
Cc: Van Saun, David, CIV, WSO-BRAC
Subject: FW: BRAC Commission staff to visit Patrick next week
Attachments: Cape Canaveral History.xls; Takser for Dr. Sega (7.65 KB); Memorandum of Record.doc; NOTU rev 1 03102005.ppt

FYI.

Jim

From: Short, James, Dr, OSD-ATL
Sent: Friday, June 03, 2005 5:48 PM
To: Durso, James, CIV, WSO-BRAC
Cc: Shaffer, Alan, Mr, OSD-ATL
Subject: FW: BRAC Commission staff to visit Patrick next week

Mr. Durso,

Please share this message with the Staff members going to Patrick Air Force Base next week.

The information is intended to contribute to an efficient visit to Patrick, so the staff is informed about the tasks being moved and about tasks that might be eliminated. I hope to have additional information about the jobs eliminated on June 6.

Having this information might enable the Commission Staff to arrive at Patrick with a sense of understanding and compassion.

Attached are files regarding Patrick AFB and NOTU.

1 PowerPoint has rational as to AT/FP issues at Patrick and capacity needs and availability at Kings Bay.

2) Memo of Record has documented the TJCSG acceptance of a modification to the standard 15% reduction based on Navy's detailed position-by-position assessment of expected reductions from the scenario.

3) Excel Spread Sheet of the history of the Cape Launch Pads and Launches with Navy activity on Launch Pads 25, 29 and 46 along with US and Naval launches that have taken place.

James M. Short, Director, Defense Laboratory Management; ODUSD (LABS)
875 Randolph Street, Suite 150
Arlington, VA 22203
james.short@osd.mil; 703 588-1476 DDR&E office; 703 509-2682 cellular
703 588-1423 DDR&E fax

DCN:11673

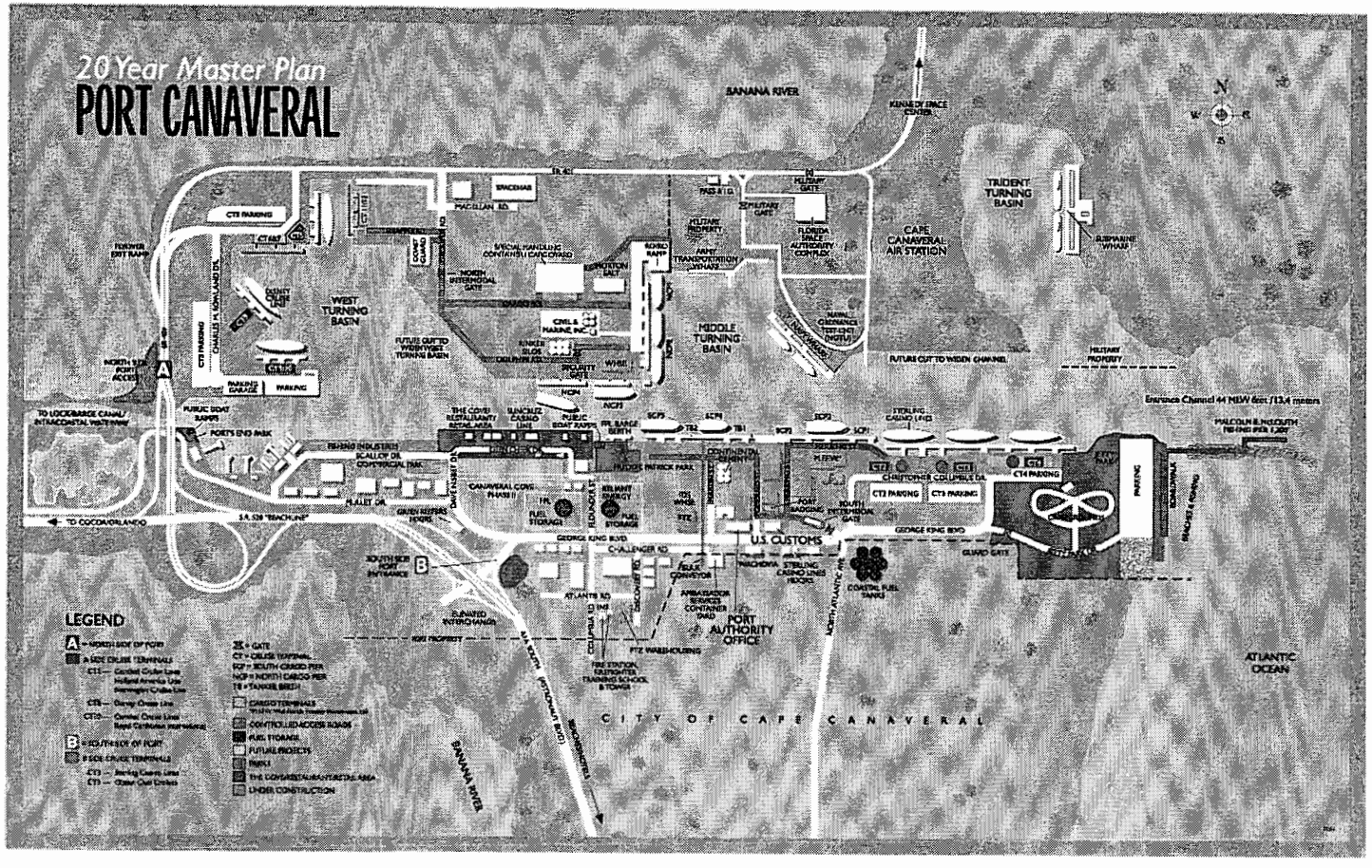
Naval Ordnance Test Unit (NOTU) Cape Canaveral, FL

Submarine Base Kings Bay, GA

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

Port Canaveral, FL

DCN:11673

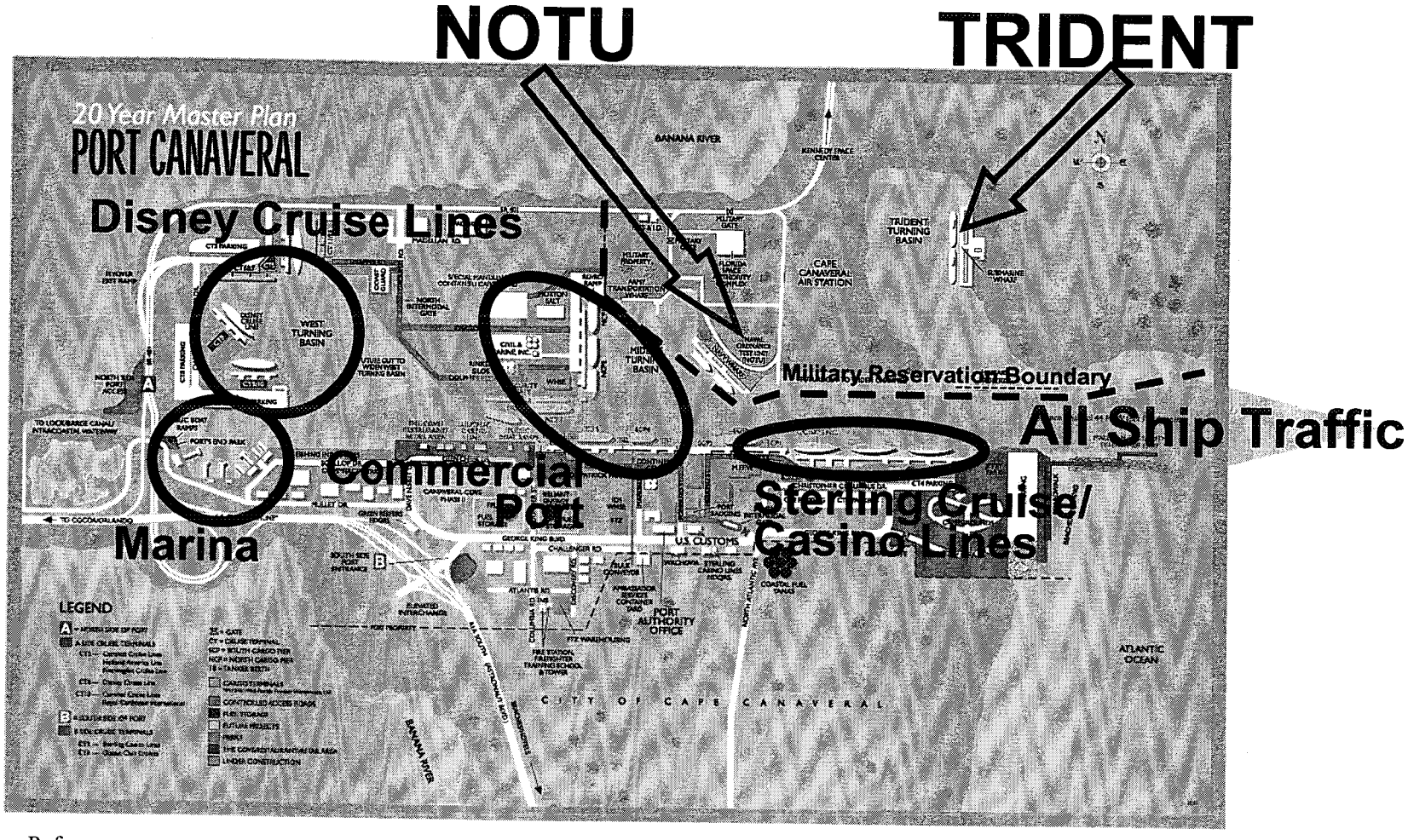


Reference: www.portcanaveral.org

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

Naval Ordnance Test Unit (NOTU)
Port Canaveral, FL

DCN:11673



Reference: www.portcanaveral.org

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

Roll

DGN-1073

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

Naval Ordnance Test Unit
Explosive Safety Boundary

Reference: DOD BRAC Installation Visualization Tool (IVT)
ODUSD/I&E (BT)

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

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

Naval Ordnance Test Unit (NOTU) Port Canaveral, FL

DCN:11673

- NOTU has documented berthing capacity for 4 Cruiser equivalent ships.
- A TRIDENT SSBN Submarine is a Cruiser equivalent ship in berthing/pier space needs.
- Port Canaveral Authority continues to expand the commercial ventures within the confined port area.
- All commercial ships (Cruise Lines, Cargo, Private) must pass the military boundary for each transit into and out of the port.
- Security requirements (Anti-Terrorism Force Protection) have increased dramatically.
- TRIDENT Program requirements for this unique facility (land based PAD launches) has been deleted.

CAPACITY PIER/Berthing (units: Cruiser Eequivalents (CGE))

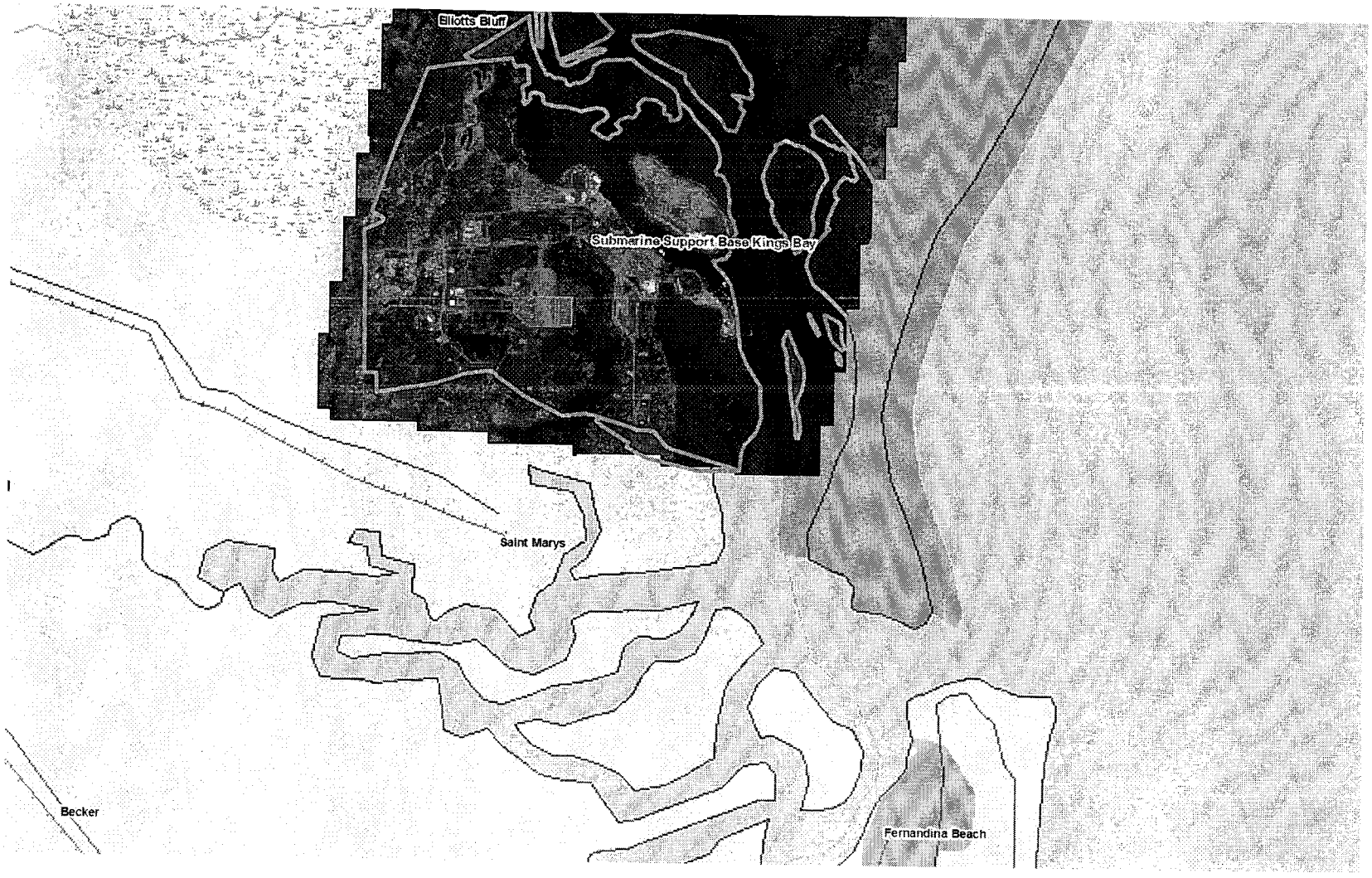
Activity	Current Capacity	Current Usage	Potential Capacity	Available to Surge	Required to Surge	Excess Capcity
NAVORDTESTU Cape Canaveral, FL	4	1	4	3	0	3

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

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

Submarine Base Kings Bay, GA

DCN:11673



Reference: DOD BRAC Installation Visualization Tool (IVT)
ODUSD/I&E (BT)

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

Kings Bay Submarine Base

Reference: DOD BRAC Installation Visualization Tool (IVT)
ODUSD/I&E (BT)

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

DCN:11673

Submarine Base Kings Bay, GA

DCN:11673

- Kings Bay has documented berthing capacity for 13.5 Cruiser equivalent ships with current usage at 4.
- Submarine Base Kings Bay is surrounded by tidal and wetland protected areas with unencumbered access to the Atlantic Operational Area.
- Military Operations are unhindered by commercial ventures.

CAPACITY PIER/Berthing (units: Cruiser Eequivalents (CGE))

Activity	Current Capacity	Current Usage	Potential Capacity	Available to Surge	Required to Surge	Excess Capcity
SBKB	13.5	4*	13.5	9.5	0	9.5
Kings Bay, GA						

*8 CGE with assumption that only half are in port at any given time

DCN:11673

Memorandum of Record

TECH 0018E Consolidate Navy Strategic Weapons T&E

Issue: Personnel reductions of greater than the TJCSG approved 15%.

Rational: The Navy BRAC office was contacted to verify the original submit that included reductions of civilian and military personnel at values greater than the approved TJCSG 15%. The Navy BRAC office confirmed the numbers and provided an informal white paper developed for the scenario that addressed all work areas affected, position-by-position, and the potential reductions that could take place with the move to a large operational site. Many of these positions would be redundant when the move to the new Command is executed. Examples of positions eliminated are front office positions (e.g. C.O., Chief of Staff, Admin, Management Information Systems, Security Details etc.). The levels of reductions proposed were:

31% officers

26% enlisted

58% civilians

20% contractors

The additional position reductions and rational provided were deemed reasonable by the W&A sub-group, presented to the TJCSG for deliberative decision and were approved.

Neil T. Baron
TJCSG Weapons and Armaments Sub Group
March 31, 2005

DCN:11673

Farrington, Lester, CIV, WSO-BRAC

From: Higgins, Karen L SES [karen.higgins@navy.mil]

Sent: Tuesday, May 17, 2005 12:25 PM

To: Lawrence C. Schuette; Castle Fred F Brig Gen AF/XP; Shaffer, Alan, Mr, OSD-ATL; thom.mathes@US.ARMY.MIL; Mleziva Matt Ctr SAF/AQX; schuette@nrl.navy.mil; Berry, William, Dr, OSD-ATL

Cc: Short, James, Dr, OSD-ATL; Goldstayn Alan B Civ AEDC/CD; Baron, Neil T CIV N-DEPTSTAFF; Dr. Robert Arnold; Dr. Robin Buckelew; Higgins, Karen L SES; Magdinec, Marc S CIV NAVSEA; Marc Magdinec; Peter O'Neill

Subject: RE: Takser for Dr. Sega

Thanks Robin and Neil
I edited a bit and am sending forward.

Jim/ Al/ Fred
Here are two additional W&A inputs for the tasker
vr/
Karen

****

* W&A looked at capacity in terms of overall buildable land for our relocations. We looked at the synergy of what was already in the receiving locations -- a technical capacity measure for surge and for the ability to expand. The military woud call it an experienced cadre upon which a bigger organization can be built. When we collocated R, D&A, and T&E, we checked capacity in each bin for receiver locations, to make sure we had sufficient in each bin to support the weapons development life cycle. The W&A group was constituted to have knowledge of major capacities across the services and in particular specialty areas such as surface weapons and guns/ammo. Thus our knowledge was not just qualitative, but also quantitative.

* In 18E, we were not able to traditionally associate capacity between the DTAP of W&A and what ever Kings Bay binned their activities under (a data mechanics disconnect), however, we were able to associate a significant infrastructure characteristic (pier space) that was foundational at both sites and key to executing the function. Nuke T&E at Cape Canaveral required the piers for SSBNs, this was a large infrastructure component of the function being performed (the other being near land based launch pads which became irrelevant over time with our completion of the Trident D5 motor (new motor work is probably ~20 years out, we will reconstitute then if necessary). So pier space capacity for the SSBN and the support ships for the testing between the two sites was a big driver and was a capacity attribute for direct and surge levels to support the scenario decision.
The "brick and mortar" part was not associatable due to the data mechanics but we felt it could be easily established (MILCON) under the BRAC rules given that NOTU was a small unit going onto a large base at Kings Bay.

DCN:11673

>
> -----Original Message-----
> From: Shaffer, Alan, Mr, OSD-ATL
> Sent: Mon 5/16/2005 2:39 PM
> To: 'karen.higgins@navy.mil'; 'thom.mathes@US.ARMY.MIL';
> Mleziva Matt Ctr SAF/AQX; 'schuette@nrl.navy.mil'; Berry,
> William, Dr, OSD-ATL
> Cc: Short, James, Dr, OSD-ATL; Castle Fred F Brig Gen
> AF/XP; Goldstayn Alan B Civ AEDC/CD
> Subject: Takser for Dr. Sega
>
>
>
> Folks--you heard the tasking, I hope.
>
> By first thing in the morning, could you please give a
> couple of examples where you used the "other" capacity measures
> qualitatively to inform / shape your scenarios.
>
> Send them to Fred, Jim and I
>
> Fred--could you please pull together to give to Dr Sega
> tomorrow AM?
>
> Thanks
>
> Al
> ----------
> Sent from my BlackBerry Wireless Handheld

DCN:11673

Cape Canaveral/Cape Kennedy History from http://www.spaceline.org/statistics/pads.html

Launch Site	First Launch	Last Launch	#	Types Of Vehicles Launched
Launch Pads				
Launch Pad 1	6/20/1957	2/12/1960	4*	Snark
Launch Pad 2	2/18/1954	12/5/1960	21*	Snark
Launch Pad 3	7/24/1950	7/24/2000	102*	Bumper-WAC, Lark, Bomarc A, X-17, Polaris FTV, Bumper Scale Model
Launch Pad 4	9/10/1952	4/15/1960	24*	Bomarc A, Redstone, Matador, Bomarc B
Launch Pad 4A	9/3/1958	1/27/1959	3*	Bomarc A
Launch Pad 5	7/19/1956	7/21/1961	24	Jupiter A, Jupiter C, Jupiter, Juno I, Redstone, Juno II, Mercury-Redstone
Launch Pad 6	4/20/1955	6/26/1961	42	Redstone, Jupiter A, Jupiter C, Jupiter
Launch Pad 9	11/6/1956	11/18/1958	11	Navaho XSM-64
Launch Pad 10	8/14/1958	4/27/1959	9	Jason, Alpha Draco
Launch Pad 11	7/19/1958	4/1/1964	33	Atlas B, Atlas-Score, Atlas D, Atlas E, Atlas F
Launch Pad 12	1/10/1958	11/5/1967	37	Atlas A, Atlas C, Atlas D, Atlas-Able, Atlas-Agena B, Atlas-Antares, Atlas-Agena D
Launch Pad 13	8/2/1958	4/6/1978	51	Atlas B, Atlas D, Atlas E, Atlas F, Atlas-Agena D
Launch Pad 14	6/11/1957	11/11/1966	32	Atlas A, Atlas B, Atlas D, Atlas-Able, Atlas-Agena A, Mercury-Atlas, Atlas-Agena D
Launch Pad 15	2/6/1959	4/9/1964	26	Titan I, Titan II
Launch Pad 16 (Titan)	12/12/1959	5/29/1963	13	Titan I, Titan II
Launch Pad 16 (Pershing)	2/21/1973	3/21/1988	149	Pershing IA, Pershing II
Launch Pad 17A	8/30/1957	Active	149	Thor, Thor-Able 0, Thor-Able I, Thor-Able II, Thor-Able III, Thor-Able IV, Delta, Thor-Able Star, Delta B, Delta D, Delta C, Delta E, Delta G, Delta M, Delta N, Delta L, Delta M6, Delta 2000, Delta 3000, Delta II 6000, Delta II 7000
Launch Pad 17B	1/25/1957	Active	147	Thor, Thor-Able Star, Delta, Delta A, Delta B, Thor-Asset Delta C, Delta E, Delta G, Delta N, Delta 1000, Delta 2000, Delta 3000, Delta 4000, Delta II 6000, Delta II 7000, Delta III 8000
Launch Pad 18A	12/8/1956	6/9/1965	24	Vanguard, Blue Scout Junior
Launch Pad 18B	6/4/1958	4/12/1962	23	Thor, Blue Scout I, Blue Scout II, Mercury-Scout
Launch Pad 19	8/14/1959	11/11/1966	27	Titan I, Gemini-Titan II
Launch Pad 20 (Titan)	7/1/1960	5/6/1965	20	Titan I, Titan III-A
Launch Pad 20 (Suborbital)	12/18/1990	5/28/1993	6	Starbird, Prospector, Aries I
Launch Pad 20 (Spaceport Fla.)	N/A	N/A	N/A	Sounding Rockets
Launch Pad 21	7/24/1958	7/17/1963	41	Bull Goose, Mace
Launch Pad 22	3/13/1957	6/24/1960	23	Bull Goose, Mace
Launch Pad 25A	4/18/1958	3/5/1965	60	Polaris FTV, Polaris A1, Polaris A2, Polaris A3
Launch Pad 25B	8/14/1959	8/2/1960	8	Polaris A1
Launch Pad 25C	8/16/1968	1/23/1979	34	Poseidon, Trident I
Launch Pad 25D	9/17/1969	9/17/1969	1	Poseidon
Launch Pad 26A	8/28/1957	1/22/1963	14	Jupiter, Juno I, Redstone
Launch Pad 26B	10/22/1957	5/24/1961	22	Jupiter, Juno II
Launch Pad 29	9/21/1959	5/19/1980	58	Polaris A1, Polaris A2, Polaris A3, Chevaline
Launch Pad 30A	2/25/1960	4/24/1963	56	Pershing I
Launch Pad 31A	2/1/1961	3/14/1970	4	Minuteman I, Minuteman II
Launch Pad 34	10/27/1961	10/11/1968	7	Saturn I Block I, Saturn IB

DCN:11673

Launch Pad 36A	5/8/1962	Active	63	Atlas-Centaur 1962, Atlas-Centaur 1966, Atlas II-Centaur, Atlas IIA-Centaur, Atlas IIAS-Centaur
Launch Pad 36B	8/11/1965	Active	69	Atlas-Centaur 1962, Atlas-Centaur 1966, Atlas I-Centaur, Atlas II-Centaur, Atlas IIA-Centaur, Atlas IIAS-Centaur, Atlas IIIA-Centaur
Launch Pad 37B (Saturn)	1/29/1964	1/22/1968	8	Saturn I Block II, Saturn IB
Launch Pad 37 (Delta IV)				*Under Construction*
Launch Pad 39A	11/9/1967	Active	72	Saturn V Apollo, Saturn V Skylab, Columbia, Challenger, Discovery, Atlantis, Endeavour
Launch Pad 39B	5/18/1969	Active	51	Saturn V Apollo, Saturn IB, Challenger, Discovery, Atlantis, Columbia, Endeavour
Launch Pad 40	6/18/1965	Active	50	Titan III-C, Titan 34D, Commercial Titan III, Titan IVA, Titan IVB
Launch Pad 41 (Titan)	12/21/1965	4/9/1999	27	Titan III-C, Titan III-E Centaur, Titan IVA, Titan IVB
Launch Pad 41 (Atlas V)				*Under Construction*
Launch Pad 43	N/A	N/A	N/A	Sounding/Weather Rockets
Launch Pad 44	N/A	N/A	N/A	Dragon
Launch Pad 45	N/A	N/A	N/A	Roland II
Launch Pad 46 (Trident)	1/15/1987	1/26/1989	19	Trident II
Launch Pad 46 (Spaceport Fla.)	1/6/1998	Active	2	Athena II, Athena I
Launch Pad 47	N/A	N/A	1**	Sounding/Weather Rockets, Loft-1
Silos				
Silo 31B	12/18/1961	9/23/1969	35	Minuteman I, Minuteman II, Minuteman III
Silo 32B	8/30/1961	12/14/1970	53	Minuteman I, Minuteman II, Minuteman III
Other Land Sites				
Cape Canaveral Skid Strip	8/19/1955	1/26/1959	15	Navaho X-10
Patrick Air Force Base	5/20/1956	5/20/1956	1	Matador
Aircraft				
FB-111	4/21/1975	12/9/1981	14	SRAM
B-47	5/26/1958	10/13/1959	12	Bold Orion
B-52	4/23/1959	2/9/1993	101	Hound Dog, Skybolt, SRAM, Pegasus
B-58	9/5/1958	6/4/1959	3	ALBM-199C
L-1011	10/22/1998	Active	1	Pegasus
Ships				
PTM Patrol Boat	2/18/1982	4/8/1982	9	Penguin
USS Observation Island	8/27/1959	3/24/1970	28	Polaris A1, Polaris A2, Polaris A3, Poseidon
Submarines				

DCN:11673

HMS Renown	7/24/1969	2/8/1982	9	Polaris A3, Chevaline
HMS Repulse	3/27/1969	5/10/1987	8	Polaris A3, Chevaline
HMS Resolution	2/15/1968	6/10/1985	8	Polaris A3, Chevaline
HMS Revenge	6/1/1970	8/2/1986	13	Polaris A3, Chevaline
HMS Vanguard	5/26/1994	Active	2	Trident II
HMS Victorious	7/24/1995	Active	2	Trident II
HMS Vigilant	10/10/1997	Active	2	Trident II
HMS Vengeance	9/21/2000	Active	1	Trident II
USS Abraham Lincoln	5/3/1961	7/26/1974	20	Polaris A1, Polaris A3
USS Alabama	7/6/1985	Active	1	Trident I
USS Alaska	2/21/1986	Active	5	Trident I
USS Alexander Hamilton	8/9/1963	9/29/1989	20	Polaris A2, Poseidon
USS Andrew Jackson	10/1/1963	5/25/1982	22	Polaris A2, Polaris A3, Poseidon
USS Benjamin Franklin	12/6/1965	1/23/1989	9	Polaris A3, Poseidon, Trident I
USS Casimir Pulaski	10/31/1964	6/18/1985	14	Polaris A3, Poseidon, Trident I
USS Daniel Boone	7/16/1964	3/24/1990	18	Polaris A3, Poseidon, Trident I
USS Daniel Webster	5/25/1964	9/2/1985	10	Polaris A3, Poseidon
USS Ethan Allen	10/16/1961	8/9/1974	27	Polaris A1, Polaris A2, Polaris A3
USS Florida	8/21/1983	Active	9	Trident I
USS Francis Scott Key	4/3/1967	12/7/1985	30	Polaris A3, Poseidon, Trident I
USS George Bancroft	4/7/1966	2/4/1989	20	Polaris A3, Poseidon, Trident I
USS George C. Marshall	7/11/1966	10/16/1987	18	Polaris A3, Poseidon
USS George W. Carver	9/1/1966	8/10/1985	14	Polaris A3, Poseidon
USS George Washington	7/20/1960	9/20/1978	12	Polaris A1, Polaris A3
USS Georgia	4/7/1984	Active	5	Trident I
USS Henry Clay	4/6/1964	6/29/1984	14	Polaris A2, Polaris A3, Poseidon
USS Henry L. Stimson	11/14/1966	4/8/1992	23	Polaris A3, Poseidon, Trident I
USS Henry M. Jackson	12/4/1984	Active	11	Trident I
USS James K. Polk	6/10/1966	3/9/1989	19	Polaris A3, Poseidon
USS James Madison	9/28/1964	6/5/1982	12	Polaris A3, Poseidon, Trident I
USS James Monroe	2/3/1964	9/12/1987	13	Polaris A3, Poseidon
USS John Adams	6/23/1964	6/4/1986	18	Polaris A2, Polaris A3, Poseidon
USS John C. Calhoun	2/15/1965	9/29/1987	25	Polaris A3, Poseidon, Trident I
USS John Marshall	7/12/1962	9/18/1976	23	Polaris A2, Polaris A3
USS Kamehameha	2/24/1966	4/30/1990	14	Polaris A3, Poseidon
USS Kentucky	8/30/1991	Active	8	Trident II
USS Lafayette	6/13/1963	9/2/1983	23	Polaris A2, Poseidon

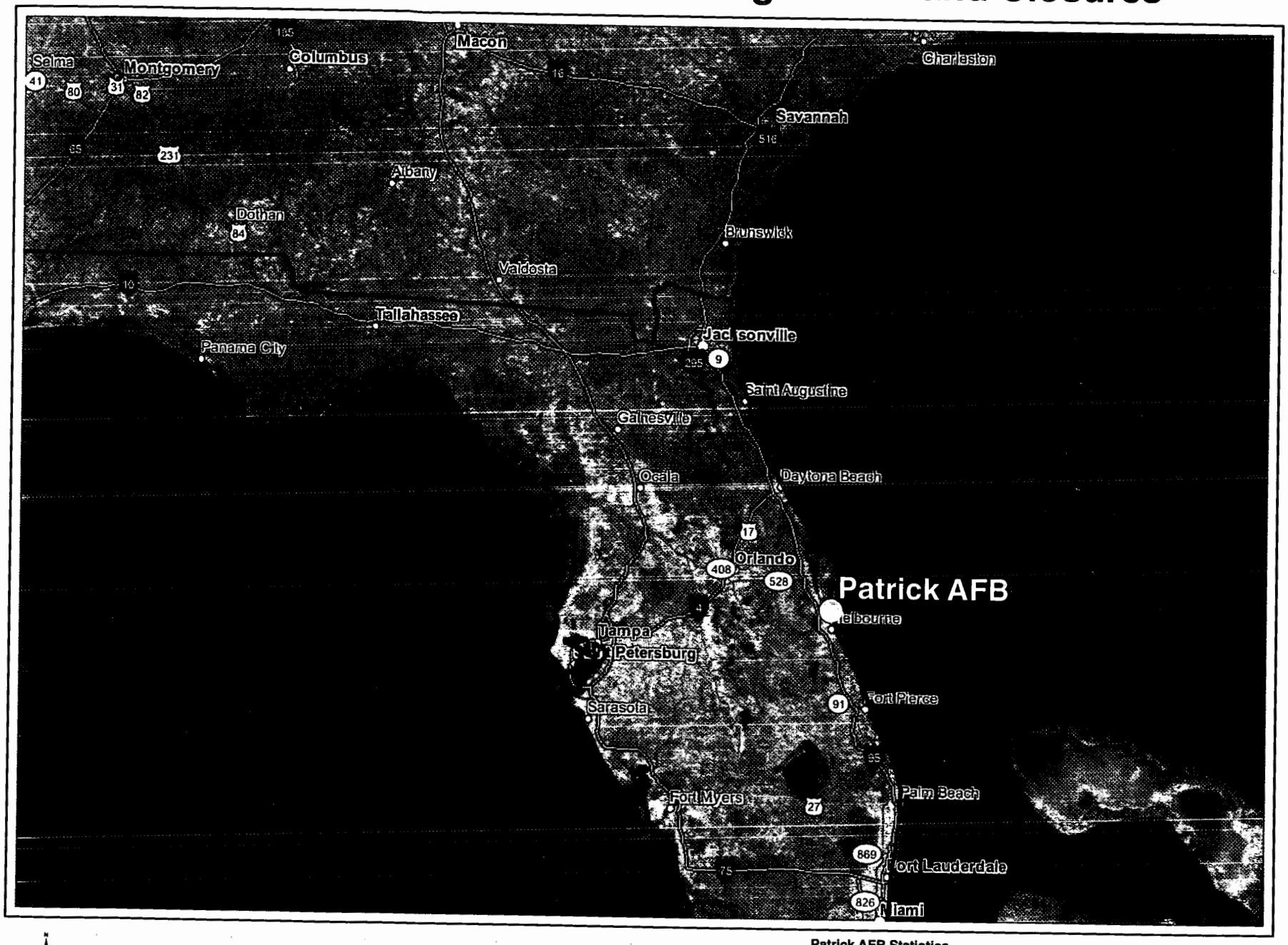
DCN:11673

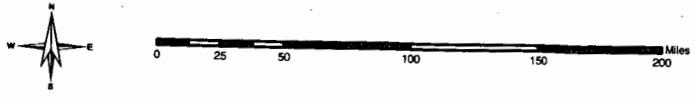
USS Lewis And Clark	2/17/1966	11/4/1986	18	Polaris A3, Poseidon
USS Louisiana	12/18/1997	Active	1	Trident II
USS Maine	12/7/1995	Active	1	Trident II
USS Mariano G. Vallejo	3/5/1967	5/10/1991	30	Polaris A3, Poseidon, Trident I
USS Maryland	29/92	Active	10	Trident II
USS Michigan	11/21/1982	Active	2	Trident I
USS Nathan Hale	1/13/1964	3/6/1985	28	Polaris A2, Polaris A3, Poseidon
USS Nathanael Greene	3/15/1965	8/22/1981	9	Polaris A3, Poseidon
USS Nebraska	8/20/1993	Active	4	Trident II
USS Nevada	9/30/1986	Active	5	Trident I
USS Ohio	1/17/1982	Active	7	Trident I
USS Patrick Henry	9/13/1960	6/28/1978	16	Polaris A1, Polaris A2, Polaris A3
USS Pennsylvania	3/12/1990	Active	14	Trident II
USS Rhode Island	12/1/1994	Active	3	Trident II
USS Robert E. Lee	12/22/1960	11/20/1978	20	Polaris A1, Polaris A2, Polaris A3
USS Sam Houston	4/25/1962	4/26/1975	19	Polaris A2, Polaris A3
USS Sam Rayburn	1/23/1965	3/22/1983	9	Polaris A3, Poseidon
USS Simon Bolivar	1/17/1966	2/6/1988	20	Polaris A3, Poseidon, Trident I
USS Stonewall Jackson	12/2/1964	2/27/1988	10	Polaris A3, Poseidon, Trident I
USS Tecumseh	8/6/1964	4/1/1988	17	Polaris A3, Poseidon
USS Tennessee	3/21/1989	Active	25	Trident II
USS Theodore Roosevelt	3/23/1961	8/27/1974	10	Polaris A1, Polaris A2, Polaris A3
USS Thomas A. Edison	5/23/1962	4/12/1975	17	Polaris A2, Polaris A3
USS Thomas Jefferson	2/21/1963	3/29/1976	14	Polaris A2, Polaris A3
USS Ulysses S. Grant	9/5/1964	7/31/1987	11	Polaris A3, Poseidon
USS Von Steuben	12/22/1964	9/17/1986	15	Polaris A3, Poseidon, Trident I
USS West Virginia	11/28/1990	Active	16	Trident II
USS Will Rogers	7/31/1967	5/20/1986	14	Polaris A3, Poseidon
USS Woodrow Wilson	3/2/1964	1/10/1983	18	Polaris A2, Polaris A3, Poseidon
USS Wyoming	5/30/1997	Active	3	Trident II
Unconfirmed Launch Sites	6/20/1951	6/1/1961	402	Matador, Snark, Bomarc A, RV-A-10, Bomarc B

* This number includes confirmed launches only. Many launches from this launch pad are not confirmed in official chronologies.

** This number represents the launch of a single Loft-1 rocket on November 17, 1988. This was a sounding rocket, which are typically not included in official chronologies. However, this was the first commercial launch from Cape Canaveral and is included here for historic purposes.

Recommended Florida Base Realignments and Closures





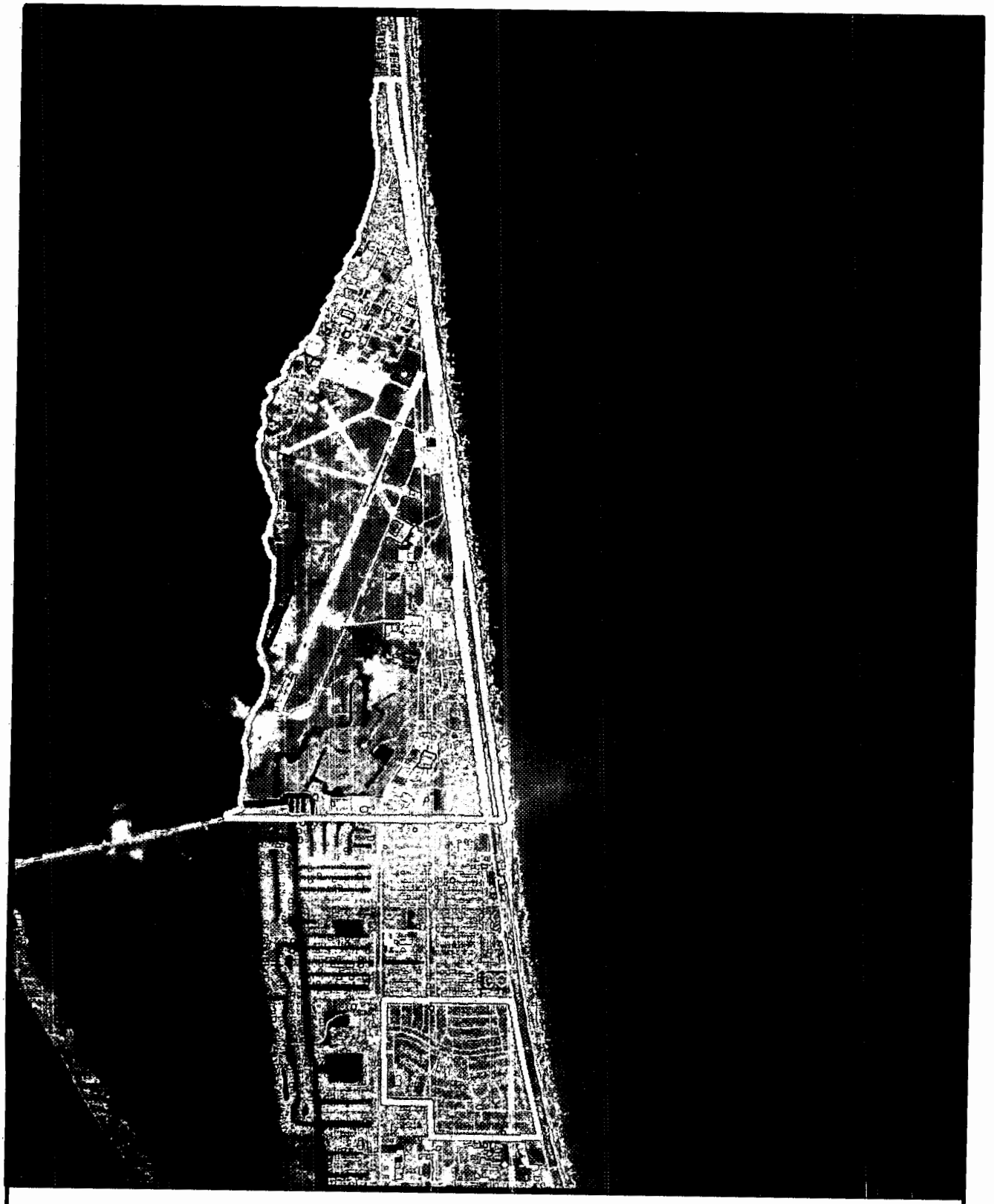
Patrick AFB Statistics

Total Acres: 2,341
Acres Owned: 2,108

Total Personnel: 3,718
Mil: 2,591
Civ: 1,117
Other: 10

DCN:11673

DCN:11673



Patrick AFB, FL

Installation Boundary

DCN:11673

PATRICK AIR FORCE BASE
FLORIDA

National News Articles

Local News Articles
Air Force Base Could Lose 195 Positions Under Base Realignment
Brevard Relieved as Patrick Skirts Closure
Florida Escapes Worst of Proposed Base Cuts
Base Closings Would Wring Florida's Wallet
Regardless of Expectations, Most People Welcome News
Transfer of Workers to Cape Unfeasible
Live Reports from Patrick, Community

Opinion/Editorial Articles
Just too Valuable

National News Articles

Local News Articles

Air Force Base could lose 195 positions under base realignment

Gannet News Service
RAJU CHEBIUM
May 13, 2005

WASHINGTON -- The Pentagon said Friday it wants to restructure **Patrick** Air Force Base, which would cost the facility 195 jobs.

Patrick would lose 136 military employees and 59 civilian positions, according to Defense Department documents.
The base is one of 13 Florida military installations that the Pentagon wants to close or realign.
"Today is the day that many of us on Florida's Space Coast had been working and preparing for since 2000," Rep. Dave Weldon, R-Fla., said in a statement. "Although there will be some minor realignment at **Patrick** ... I am pleased that the news is not what many had feared. PAFB will continue to play a fundamental role in serving the national security interests of our nation. I'm also confident that over the upcoming years, **Patrick** will continue to strengthen its important and crucial role in meeting our nation's space needs."

The Pentagon wants to close bases not merely to save money, but more importantly, to modernize the military to fight terrorism and other new threats.

But base closures often send economic shock waves through local communities, especially rural towns where there is little other large industry to rehire laid-off civilian workers.

Most of the installations on the Pentagon's list will stay there unless the lawmakers, lobbyists and

others advocating for them can convince the independent Base Realignment and Closure (**BRAC**) commission they should be removed.

That won't be easy.

In the previous four **BRAC** rounds that began in 1988, about 90 percent of the Pentagon's recommendations were enacted, including the closure of 97 major bases.

And the rules for the new commission will make changes even more difficult.

The commission is supposed to make its decisions free of political considerations, although politics could creep into the process. The commission will consider the economic and environmental impact of potential closures, but the top criterion is supposed to be national security.

The nine-member, president-appointed commission is the only player in the **BRAC** process that can alter the list. Congress and the president can only accept or reject it in its entirety.

The commission will spend the summer analyzing the Pentagon list, holding public hearings in or near base communities and making changes to the list where it deems appropriate. The list must be submitted to the president for approval by Sept. 8.

Starting Monday, the commission is scheduled to begin a week of hearings on Capitol Hill to question top Pentagon officials about how the list was assembled.

Brevard relieved as Patrick skirts closure
Florida Today
Matt Reed
May 14, 2005

Realignment may send Navy Trident station packing from port in 2008
Word spread fast in a county where the military is part of the culture as much as the economy: Patrick Air Force Base and the 45th Space Wing were spared from the Pentagon's closure list released Friday morning.
Technically, Patrick will be "realigned," losing 136 military and 59 civil-servant jobs -- about 1.5 percent of Brevard County's military workforce -- if Congress and the president approve the base recommendations this fall. The Pentagon wants to move the Naval Ordnance Test Unit, which hosts submarines at Port Canaveral.
The government job losses probably won't affect local businesses or home values, said Lynda Weatherman, president and CEO of the Economic Development Commission of Florida's Space Coast. The losses are modest and typical of moves the military makes occasionally to update its forces, she said.
"I don't think you'll see an impact at all," she said.
It's too soon to know how the Navy unit's departure may affect hundreds of private-sector engineers who support it.

But Patrick's role in launching satellites upholds the military strategy of dominating the "global commons" -- air, sea and space. And that helped insulate the barrier-island facility from further cuts or closing, officials said.

The news about Patrick spread quickly by word-of-mouth Friday at hair salons, pharmacies and bait shops. In a

year of shaky markets, go-go condo development and unease about the next hurricane season, Friday's base announcement provided some constancy and comfort.

More than 12,000 base workers will continue to shop at small beachside businesses. Military families will stay at schools and churches, where they've made friends in Brevard. And miles of scrubby, barely-developed beach along State Road A1A will remain that way for now.

Moses Harvin, whose company provides maintenance services at Patrick, said his base contract accounts for one out of five dollars he earns. American Services Technology today has about 15 employees working there.

"I just couldn't fathom losing that type of revenue if the base had closed," said Harvin, a former Army officer and Ranger. "The base is such a great springboard for small businesses such as ours, to get into the marketplace."

Overall, Florida is expected to lose two facilities but experience growth at Eglin Air Force Base on the Panhandle and the Naval Air Station in Jacksonville. The state will gain 2,757 military and civilian jobs.

Proposed closures include a 209-person accounting center in Orlando and a 12-person Navy reserve center in St. Petersburg.

Secretary of Defense Donald Rumsfeld's recommendations now go to the Base Realignment and Closure Commission, which will hold public hearings and decide whether to drop any targeted bases from the list. The commission must send its list to Congress by Sept. 23. Congress can OK or reject the list, but can't make changes. President Bush then faces the decision: He must rule by Nov. 7, or the process dies and everything stays open.

The rules make it all but impossible for the commission to add bases to the closure list.

"It's hard to express the relief and the joy," Rep. Thad Altman, R-Melbourne, said Friday. "The military is part of our culture in Brevard County, and it would have been a great loss."

Navy move's impact

The Naval Ordnance Test Unit is scheduled to move to Kings Bay, Ga., after 2008. It supports missile testing on Trident submarines and also has launched ballistic missiles from Cape Canaveral Air Force Station.

Although the Pentagon's closure list shows no more than 195 jobs leaving Brevard with the unit, the move also could affect private-sector engineers who do contract work for it, said Capt. Jeffrey Gernand, the commanding officer.

Most of those engineers, 400 of them, work for Lockheed Martin. The future of those jobs would be up to their employer.

Lockheed Martin spokeswoman Julie Andrews said the company's workers will continue on as planned, including those on the Navy's Trident D-5 nuclear missile program, the so-called "Center for Excellence" announced in February.

"This is only the first step, so we will continue to monitor the process," Andrews said. "We can't speculate on what's going to happen."

Gernand said he spoke to the people under his command after the announcement and described their reaction as "a little bit of surprise, but 100 percent professional."

Meanwhile, officials at Port Canaveral are concerned because the federal government helps dredge and clear the port's channel for military ships and submarines. On the other hand, if the submarine base at the Cape closes, the port could benefit by adding another basin for cruise and cargo ships, said Stan Payne, the port authority's chief executive officer.

An intense wait

Like everyone else in the country, Patrick Air Force Base leaders had to wait until Friday for word on the base's fate.
"I didn't know what to expect," said Col. Mark Owen, commander of the 45th Space Wing.
A committee of Brevard County business and civic leaders had lobbied for months to ensure Patrick wasn't touched. And on Friday, about two-dozen local politicians, volunteers and business leaders gathered at the Economic Development Commission's office in Rockledge to hear the news.
About 9:15 a.m., more than an hour before Rumsfeld's national press conference, the Pentagon released its list to members of Congress. Word came to the EDC by way of a phone call and fax from Rep. Dave Weldon's office.
Guests erupted in applause and tossed confetti when they heard the base would remain open. "It's been intense," said Randy Harris, a general manager for Mead Construction who volunteered to chair the lobbying group. "It contributes to the overall prosperity of the community, so it benefits us all."

Florida escapes worst of proposed base cuts
The Orlando Sentinel
Christopher Boyd
May 14, 2005

Orlando would lose more than 200 jobs as part of a Pentagon proposal that brings sweeping change to the nation's network of military bases and facilities.

But Florida escaped most of the proposed cuts and would gain jobs if Congress ultimately accepts the plan, which was released Friday.

The state would keep its 21 major bases and would lose just two small military operations, one of which is in Orlando. The Defense Finance and Accounting Service center, located adjacent to Baldwin Park, employs 200 civilians and nine military personnel.

The long-awaited proposal wouldn't impact Central Florida's key military asset -- a cluster of commands that buy simulation and training equipment for the armed forces. The region's simulation commands are considered by local leaders to be critical to the area's growing high-tech sector.

With none of the state's military bases facing closure, Florida actually will gain 3,798 military positions, while losing 1,002 civilian posts, in the most significant military reorganization in more than a decade.

The Defense Department recommends closing 33 major facilities in 22 states.

Florida waged a long campaign of its own to convince military planners that the state's 21 key bases and centers were too important to close. As it stands, several Florida bases are slated to pick up pieces shed from other base closings across the country.

Florida Gov. Jeb Bush said he was "absolutely delighted" with the outcome. He said the decision to keep the simulation commands in Central Florida would likely mean expansion as the

Pentagon increasingly relies on high-tech training systems to prepare troops.

Bush hired a well-connected team of consultants, including former House Majority Leader Dick Armey and former Defense Secretary William Cohen, to convince the Defense Department to preserve the state's bases. The state received its wish Friday.

Under the proposal, which goes to a nine-member Base Realignment and Closure (BRAC) Commission for review, Florida's bases would have a net gain of more than 2,700 personnel. The commission must report to President Bush by Sept. 8.

Aside from the Orlando accounting center, Florida will lose the Navy Reserve Center in St. Petersburg, where there are 12 military workers.

Ironically, the accounting center was awarded to Orlando in the 1990s after a previous round of base closings claimed the Naval Training Center. The center would be consolidated with other operations.

"It is hard to argue with the logic of what they did here," said U.S. Rep. Tom Feeney, R-Oviedo. "They took 23 similar offices around the country and consolidated them. Today wasn't a grand slam for Florida, but it was a major victory."

Nevertheless, some workers at the center were disappointed, if not surprised.

"We already knew it was coming," said Annie Charles, an accounting technician who has worked at the finance center since it opened in 1995. "We are hopeful that things will change. At this point, it's only a recommendation and things could change."

Gov. Bush and other leaders focused on the larger picture, with the state faring much better than many others.

The biggest gainers were Eglin Air Force Base, gaining 2,140 military jobs, and the Naval Air Station in Jacksonville, with an added 1,902 military jobs. The biggest loser would be the Naval Air Station in Pensacola, losing 1,180 civilian and 302 military jobs.

Communities throughout the state mounted homegrown campaigns to protect their local installations. Central Florida focused on the simulation commands, which include the Army's PEO STRI and the Navy's NAVAIR. The commands procure training equipment and are responsible for nurturing a growing cluster of businesses near the commands' headquarters in east Orange.

William J. Patton, senior vice president of DEI Services Corp. in Winter Park, says his company has grown rapidly producing training simulators. He eagerly awaited the proposed BRAC list Friday.

"It's a good thing for us -- about 30 percent of our business is from the Navy and the Army," Patton said. "It's a great thing for the local economy."

Orange County Mayor Rich Crotty, who is promoting an agenda to expand the county's technology sector, said he was very pleased.

"It's huge news," Crotty said. He said a major realignment that would have moved the simulation

commands elsewhere "would have been very bad."

U.S. Sen. Mel Martinez credited Gov. Bush with a waging a successful campaign to save the state's bases. He said he thought the campaign, rather than the fact that Bush is the president's brother, protected the bases.

"I think his success is more due to good preparation, good hard work, good coordination . . . rather than any family connection," Martinez said.

Other communities also waged campaigns and were pleased with the outcome. **Patrick Air Force Base** in Brevard County, which was sometimes mentioned as a possible target, would lose fewer than 200 jobs.

"Our strategy to preserve our military installations was right on," said Lynda L. Weatherman, president of the Economic Development Commission of Florida's Space Coast. She said the effort to protect Patrick began in 2000.

Russ Hauck, executive director of the National Center for Simulation in Orlando, said the BRAC list offered a good outcome for Orlando and the state.

"It's an outcome we have been working toward for two years," Hauck said. "We don't see any significant changes coming. Our impression is that if you are on the list, it is difficult to get off, but if you aren't on it, it is difficult to get on."

Base closings would wring Florida's wallet
Orlando Sentinel
Christopher Boyd
May 11, 2005

Orlando and communities across the country are once again sweating bullets over the future of their local military installations.

The federal government is about to embark on what could be a major slashing of the military's 425 bases, with the Pentagon expected to recommend Friday which ones should be closed. The move could trim as much as 25 percent of the armed forces' capacity.

Central Florida, which lost the Orlando Naval Training Center during a round of 1993 cuts, has something to protect: a simulation center that employs about 1,500 military and civilian personnel and buys a host of locally made high-tech hardware.

The Central Florida Research Park seems an unlikely setting for one of the region's most important military assets. Its manicured lawns, smartly designed office buildings and lazily curving streets offer hardly a hint that the park plays a major role in the Pentagon's effort to push the armed forces toward a high-tech future.

Based there are the Orlando Simulation Commands -- the Army's PEO STRI and Navy's Nav-Air -- that buy high-tech training equipment from an assortment of suppliers, many of which have

operations in Central Florida primarily to be close to their customers.

It is a thriving relationship that could collapse if nine members of a newly appointed commission decide the Pentagon could save money by moving those operations elsewhere. The commission will review the recommendations and send a report to President Bush by Sept. 8.Statewide, military operations contribute about $44 billion a year to the economy, making it the most important money generator after tourism and agriculture. Defense-related spending accounts for 714,500 Florida jobs, 138,000 directly funded by the military, according the state.

To protect that engine, Florida is fighting an all-out campaign.

Gov. Jeb Bush retained a well-connected team of consultants at $50,000 a month to convince Pentagon planners that each of the state's 21 military installations is too valuable to close. The team includes former House Majority Leader Dick Armey and former Defense Secretary William Cohen.

Communities with bases have mounted campaigns of their own. For example, The Coast Defense Alliance, a Brevard County coalition, has campaigned to protect **Patrick Air Force Base.**

"We feel good about what Florida has done to this point to prepare itself," said Pamela Dana, director of the Governor's Office of Tourism, Trade and Economic Development, the agency coordinating the effort.

But Dana said even the state's well-planned effort offers no guarantees: "I don't think any installation can look at itself as being safe."

So far, little is known about which bases might be in jeopardy. The Defense Department has imposed complete silence on its review, which seeks cuts offering strategic and economic benefits for the military.

The Base Realignment and Closure Commission, or BRAC, will review the suggestions and recommend changes. It is to be the final round of cuts, which began in 1988 and have accounted for more than $30 billion in savings.

The Orlando Naval Training Center was a casualty of an earlier BRAC decision. The decision to combine the center with a similar base in Illinois cost Central Florida 6,500 military and civilian jobs with a payroll of $240 million.

The decommissioned center has since been demolished and replaced by Baldwin Park, a sprawling commercial and residential development with high-end condominiums and homes.

In this latest round, Defense Department planners are expected to favor bases that enable military branches to train together and share operations. Though the military has simulation centers in other states, none is as extensive as Orlando's, where all the major branches of the military cooperate on projects.

"I think this BRAC will be the most important thing the Defense Department does in 2005. It will define the future of the military for the next 20 years," said Kenneth Beeks, vice president for policy with the Business Executives for National Security in Washington, D.C.

Though the process is supposedly removed from politics, state and local governments have been

preparing for years.

A consortium of Orlando civic and business leaders -- including Orange County Mayor Rich Crotty, the Metro Orlando Economic Development Commission, the University of Central Florida and representatives from the simulation industry -- have studied the process and formulated defenses for the simulation commands.

"I think that this community was extremely well-versed in what is going on," said Herb Smetheram, a consultant with ZHA, an Orlando real-estate development company that has worked on the base-closing issue. "It put together a strong argument why the Orlando facilities shouldn't be on the list."

The region's modeling, simulation and training industry is large. In a 2003 report, the National Center for Simulation estimated the field employs nearly 6,000 workers, earning $425 million annually, in metropolitan Orlando.

Supporters argue that the simulation operations are key to an evolving military that demands high-tech training.

Crotty recently traveled to Virginia to lobby Navy officials.

"I'm optimistic that we have come a long way during the last year," Crotty said. "I'm optimistic that we not only won't be on the list but that the operations here might be expanded."

Crotty said a decision to move the simulation commands elsewhere would be traumatic, but not fatal, to the region's technology sector.

"If the question is whether the whole industry would cave in like a house of cards, well, I don't think it would," Crotty said. "Would it have a negative impact on Orange County? I think so. Very definitely."

Indeed, companies that rely on Pentagon contracts are dreading what might happen if area installations close or move.

Greg Goebel, spokesman for Raydon Corp., a Daytona Beach simulation-equipment maker, said his company finds its relative close proximity to PEO STRI advantageous.

"The large companies that have satellite offices in Orlando would be affected if something happened to PEO STRI, and some might leave," Goebel said.

Though the Pentagon insists it won't be swayed by local arguments, it hasn't stopped politicians from trying.

Last week, U.S. Rep. Tom Feeney, R-Oviedo, escorted U.S. Sen. John McCain, R-Ariz., to visit Orlando simulation companies and address a town meeting at UCF.

"I'm optimistic and hopeful," Feeney said. "But since this process is done in secret, there is really no guarantee of the outcome."

He fears the relatively small commands could be shuffled elsewhere in a consolidation.

"We are trying to convince people that there is much more here than they might think," Feeney said. "You have academics here at the University of Central Florida. You have commercial folks here. There is so much brain power that can't be replicated in another location."

Sen. Bill Nelson, D-Fla., said he doubts the BRAC panel, with its focus on full-fledged bases, will even consider the simulation commands. And he said **Patrick Air Force Base** in Brevard County -- Central Florida's other military installation -- is probably also relatively immune from closure.

"As far as Patrick goes, you simply need support facilities for Kennedy Space Center," Nelson said. "We have added military construction dollars for a new security operations center at Patrick. I think we're OK there, in Orlando and in the rest of the state, too."

Regardless of expectations, most people welcome news
Orlando Sentinel
R. NORMAN MOODY and J.D. GALLOP
May 14, 2005

Like many people who live and work near Patrick Air Force Base, Ken Mayer never really thought the base would be shuttered.
But when the list of bases to be closed or realigned came out Friday morning -- and it was clear that Brevard County was only losing one relatively small unit -- Mayer exhaled a sigh of relief.
"We dodged the bullet," said Mayer, retired from the Navy. "I was relieved. It could have been a bad thing."
His relief was shared by many in the area near Patrick.
Two of the four customers in styling chairs at Anthony's Hair and Company on South Patrick Drive were retired military -- a testament to the base's economic influence on nearby communities.
The conversation Friday morning was, naturally, about the base.
"Base people bring us business," said shop owner Anthony Balbo. "They are important to us."
Retired Lt. Col. Joan Manns admitted she didn't know what to expect before the announcement.
"I'm very happy it will stay open," she said. "I use the BX, the commissary and the pharmacy."
Manns, of Satellite Beach, is among the more than 18,000 retired military who live in Brevard County and use services available on the base. She was stationed at Patrick in 1972 and married her since-deceased husband at the base chapel.
Larry Guarino, a retired Air Force colonel who was a prisoner of war in Vietnam, never lost his optimism as discussion about Patrick's future swirled in advance of Friday's announcement.
"They need it for whatever happens in the Caribbean," he said, adding: "The generals like to come down here."
Meanwhile, at the Beach Shack Bar and Grille in Cocoa Beach, TVs were tuned to news reports of Defense Secretary Donald Rumsfeld's press conference announcing his base list. The mood was upbeat as Patrick's fate became clear.
"I'm just glad Patrick is not going to be closed," said patron Dave Hassett. "It would devastate the economy and turn it into a ghost town."
As it now stands, the only local unit affected by Friday's announcement is the Naval Ordnance Test Unit at Cape Canaveral Air Force Station.

The unit, which has about 200 military and civilian employees, supports Trident submarine missile testing. It will move to a naval base in Georgia.
Because of this news, however, the mood was less than upbeat at Sailor's Choice Bar and Grill at Port Canaveral, a few miles from the Naval unit's headquarters.
"It would take a great deal from our business," said bartender Michelle Keables, who has worked at the bar for 15 years. "If 200 people on this side of the port lose their jobs, it impacts us. Those are potential customers."

PAFB stands to lose Navy submarine unit
Florida Today
John McCarthy
June 2, 2005

The 200 or so jobs that Patrick Air Force Base may lose if the Pentagon's base closing recommendation is accepted will come from a small Navy unit at Port Canaveral, according to the base's public affairs office.

The Naval Ordnance Test Unit supports Trident submarines missile testing. In the past, the Navy has launched new or upgraded submarine-launched ballistic missiles from Cape Canaveral Air Force Station, though it has been some time since it has done so.

Nuclear-powered Trident submarines also visit the port when doing testing involving the Eastern Test Range. British submarines also do testing at the facility.

NOTU officials couldn't immediately be reached for comment this morning.

Former NOTU commander John Byron of Cocoa Beach said he wasn't necessarily surprised by the move.

Trident program officials have been looking for ways to cut costs, he said.

Byron expected that the NOTU mission would be absorbed by the Navy's submarine base at Kings Bay, Ga.

"Support can easily come from Kings Bay," he said.

It was unclear whether the Navy would continue to use its facilities for a port of call for submarines.

Transfer of Workers to Cape Unfeasible
Florida Today
R. Norman Moody

Whenever the Pentagon reassesses the need for all it's bases, someone invariably raises the question about moving the space-support operations at Patrick Air Force Base to Cape Canaveral Air Station.

The answer: Not without putting a lot people's lives at risk.

In 1997 when the future of Patrick was under consideration in, Brig. Gen. Randall Starbuck, then the base commander, suggested looking at moving the 45th Space Wing headquarters and its launch squadrons to the nearby air station. The station is the site for rocket launches. He proposed turning the base into an Air Force Reserve Command base.

A study was done in 1998 by the 45th Space Wing Safety Office found that such a move would be too dangerous to military and civilian workers at the Cape during launches.

There aren't enough safe areas at the Cape to accommodate more people should a rocket explode during liftoff, the report said.

Personnel overseeing the Jan. 17, 1997, Delta rocket launch know this all too well.

The rocket exploded 13 second after liftoff, destroying a military navigation satellite and raining down fiery debris on buildings and vehicles. No one was injured, but workers were sent scrambling for cover.

If additional personnel moved from from Patrick to the Cape, they'd have to be evacuated every time there was a launch, said Louis Ullian, who was deputy chief of range safety for the Air Force for 40 years before retiring in 1997.

As it is now, employees must leave their work stations during launches -- depending on which launch pad is being used and the type rocket being launched.

With newer, larger heavy-lift rockets being used, the hazards areas could expand, he said. "It would be very difficult," said Ullian.

Work efficiency is another issue. Because launches often don't go on schedule, workers would likely have to leave the station more than once for the same launch.

Other work at the Cape would also be disrupted, the 1998 report said.

This is why the station and Patrick were set up the way they were, Ullian said: "You want your staff close to the launch site, but far enough away out of the hazardous area."

The study shows most of the station is vulnerable to hazards from a rocket exploding and debris falling.

The Air Force minimizes the risks by sheltering necessary personnel in hardened bunkers and by evacuating those who are not essential to the launch.

In some cases, if a 20-story tall rocket exploded after launch it could release toxic fumes over Cape Canaveral Air Force Station.

Live reports from Patrick, community
Florida Today
R. Norman Moody and J.D. Gallop
May 13, 2005

FLORIDA TODAY reporters are taking the pulse of the community as Brevard County considers the military base realignment and closure recommendations.

Check back regularly for reports from both inside Patrick Air Force Base and in nearby communities.

Friday, 2:50 p.m.

At Taco City, a restaurant just north of Patrick Air Force Base, owner Marie Myers was happy with the base recommendations.

"We have a good rapport with the base," said Myers. "They are in here every day... in the daytime in their uniforms; in the nighttime with their families."

Shawna Woodard, who works at Patrick AFB, was munching on nachos at the restaurant as word arrived.

"It's there, it will be there and it will stay there," she said.

Friday, 12:55 p.m.

The mood was less than upbeat at Sailor's Choice Bar and Grill at Port Canaveral, just a few miles away from the headquarters of the Naval Ordnance Test Unit. The group that supports Trident submarine missile testing will lose about 200 jobs if the Pentagon's recommendations are approved.

"It would take a great deal from our business," said bartender Michelle Keables, who has worked at the bar for 15 years. "If 200 people on this side of the port lose their jobs, it impacts us. Those are potential customers."

Friday, 11:30 a.m.

At the Beach Shack on Cocoa Beach, TVs were tuned into news shows announcing the base realignment. The general mood: enthusiastic that Patrick was spared a major reduction in workforce.

"This is paradise and a lot of people want to come here," said manager Bill Kolp. "We have a lot of valued customers who are in the military."

Dave Hassett, who was watching TV, was pleased to see the local base was relatively unharmed by the Pentagon's proposal.

"I'm just glad Patrick is not going to be closed," he said. "It would devastate the economy and turn it into a ghost town."

Friday, 10:30 a.m.

Just south of Patrick in Satellite Beach, 24-year-old Nick Bower got ready for another day of tiling floors by loading up with a ham-and-cheese sandwich and a bottle of water. To him, Patrick's future was of little concern.

What impact would it have on him: "None," he said.

"I'm not in the military and I don't know too many people who are," he said as he walked out of a convenience store wearing tattered shorts and a white T-shirt.

Friday, 10:25 a.m.

Across the street in Satellite Beach at the intersection of Ocean Boulevard and A1A, Laura Roberts was getting the "Sweet-n-Juicy" fruit stand ready to open by loading displays with red-ripe tomatoes and large peaches.

"We get a lot of customers from Patrick," she said.

Before today's announcement that the base would lose only about 200 jobs, she was worried abou the prospects of a base closure.

"It would probably take away a lot of customers who come here in their uniforms. They are good buyers," Roberts said.

She said her father chose the location because of the busy intersection and the closeness to base housing.

Friday, 9:15 a.m.

Army veteran Cleve Dieckman of Merritt Island said, "I would not like to see [Patrick] close. I know that there's a lot to take into consideration. The economic impact is too great. It would be horrible. It would hurt Brevard County."

Bob Estes, who owns Cocoa Beach Plumbing, says he knows some of the people on the local committee trying to save the base.

"I feel like they put a good foot forward. I feel confident the base won't close. I'm going into today wth high hopes that things will remain the way they are."

Eestes said he has occasionally sold supplies to the base for the past 10 to 15 years.

Roger Burleigh, a Realtor with ERA Showcase Properties and Investments said, "I don't think they should close. We've got too many developers right now. The only thing developers would do

is jack the prices up even more."

Ollie Chancey said she and husband, who is now deceased, moved to Cocoa Beach years ago because of the base. Her husband was retired Army.

"Just thinking about it closing makes me sick. I use it a lot. I'd hate to see it close because that would force me to move to Savannah."

Ft. Stewart, a large Army base, is located in Savannah.

Kyle Nylander, owner of Juice and Java in Cocoa Beach, said "I think it's simply can't happen," when asked whether the base would close. "That's just blind optimism."

Friday, 8:30 a.m.

Patty Kraft of Cape Canaveral stopped at the beach across from Patrick to check on the surf.

"I would rather see the base stay than have it bulldozed and developed," she said as she gazed at the smooth waves. "We already have enough development."

If Patrick were to be closed, she opted for some green space.
"A park would be good idea," she said.

Friday, 7:50 a.m.

The dawn on Decision Day at Patrick AFB was beautiful as surfers caught some waves in the Atlantic across from the base. Temperatures in the low 70s and calm winds made for some excellent waves, some young surfers reported.

A few hundred feet away, it was business as usual as vehicles filed into the main gate at Patrick.

A visiting Air Force major waiting in a Lexus SUV for a friend to arrive did not have an opinion on the base closing issue - but he liked the area.

"It's a very nice place," said Maj. Jose Loya of Sheppard AFB in Wichita Falls, Texas.

Friday, 7:25 a.m.

The Pentagon announcement on base closing recommendations is expected at 10:30 this morning.

Folks at Patrick are feeling a bit more confident after Defense Secretary Donald Rumsfeld said the Pentagon has drawn up a shorter list than expected of U.S. military bases to close.

Rumsfeld said the move would save $48.8 billion over 20 years while reshaping the military for America's expected 21st century adversaries.

Rumsfeld said his recommendation reflected that domestic bases have 5 percent to 10 percent more space than they need — less than half earlier estimates of 20 percent to 25 percent.

DCN:11673

Opinion/Editorial Articles

Just too valuable
Florida Today
May 14, 2005

The Pentagon's decision to spare Patrick AFB reflects its unique military role
Everyone can breathe easier now.
Patrick Air Force Base avoided the Pentagon's hit-list for closure Friday, ensuring the installation will continue to be an integral part of our community for many years to come.
However, there were some casualties.
Some 136 military and 59 civilian positions with the Naval Ordnance Test Unit -- which does most of its work at Port Canaveral's Trident submarine basin but is formally stationed at Patrick -- will be moved.
But it could have been far worse. Here's why it wasn't:
□ Patrick's unique mission in launching nearly all military satellites into space from Cape Canaveral Air Force Station made it far too valuable to touch, for reasons of national security. The spacecraft are the spy, communication and navigation satellites that serve as the central nervous system to the U.S. military machine, and are essential in Pentagon operations in Iraq, Afghanistan and the global war on terror.
□ Furthermore, the military is working to integrate satellite-usage even more deeply with U.S. forces around the world, meaning Patrick's role in getting the spacecraft into orbit will continue to rise in importance.
□ The work of the Economic Development Commission of Florida's Space Coast, the Space Coast Defense Alliance and Rep. Dave Weldon, R-Palm Bay, was vital in making the case for leaving Patrick alone.
Along with that was strong support from Brevard County residents, who have had long and close ties to the base and its personnel.
Looking at the bigger picture, Florida also did well.
All of its major bases will remain open, and despite some job cuts at specific installations, the state will actually see a 2,700-job net gain.
Still, the fight isn't over.
The Florida Defense Alliance -- made up of 16 economic development agencies from areas with bases -- now must defend against other states' efforts to save their own hit-listed bases.
They'll push to grab work from Florida installations in a struggle that's likely to be desperate, as 150 bases nationwide -- including 33 major ones -- have been tagged for shutdown.
While Patrick is safe, that won't lessen the pain for the civilians at NOTU whose positions will be moved.
Those losses, whenever they come, will be added to cutbacks by NASA as it plans a space shuttle phaseout and prepares for its moon-Mars mission.
More pink slips also will come following the recent announcement that -- to make the best of a dwindling commercial launch market -- Boeing and Lockheed Martin merged their rocket divisions into the United Launch Alliance.
The company flies its Delta 4 and Atlas 5 rockets from Cape Canaveral Air Force Station on missions for the Pentagon and civilian customers.

Such job losses are why it's essential the state and county provide serious incentives to bring the European EADS airplane plant -- and its 1,000 jobs -- to Melbourne International Airport, to build a new generation of mid-air refueling tankers for the Air Force.
And also why the state and the county should build a business atmosphere aimed at bringing in more jobs related to the rapidly changing space program, as Florida continues to compete with 49 other hungry states.

COBRA REALIGNMENT SUMMARY REPORT (COBRA v6.10) - Page 1/2
Data As Of 4/27/2005 10:00:49 AM, Report Created 4/27/2005 10:01:54 AM

Department :
Scenario File : Z:\COBRA Database\TECH-0018\TECH_0018E Final 6.10\J - TECH-0018E COBRA Input File with Footnotes (6.10) 04272005.CBR
Option Pkg Name:
Std Fctrs File : C:\Documents and Settings\Administrator\Desktop\COBRA 6.10\BRAC2005.SFF

Starting Year : 2006
Final Year : 2011
Payback Year : 2018 (7 Years)

NPV in 2025($K): -61,417
1-Time Cost($K): 86,442

Net Costs in 2005 Constant Dollars ($K)

	2006	2007	2008	2009	2010	2011	Total	Beyond
MilCon	4,733	19,398	0	0	33,192	0	57,323	0
Person	0	0	-41	-41	-41	-2,237	-2,360	-6,001
Overhd	530	888	159	40	1,084	-6,270	-3,568	-7,424
Moving	0	0	53	0	0	2,031	2,084	0
Missio	0	0	0	0	0	42	42	42
Other	0	0	12,535	116	1,223	9,290	23,165	-14
TOTAL	5,263	20,287	12,706	116	35,459	2,856	76,687	-13,397

	2006	2007	2008	2009	2010	2011	Total
POSITIONS ELIMINATED							
Off	0	0	0	0	0	6	6
Enl	0	0	0	0	0	30	30
Civ	0	0	0	0	0	37	37
TOT	0	0	0	0	0	73	73
POSITIONS REALIGNED							
Off	0	0	5	0	0	8	13
Enl	0	0	40	0	0	47	87
Stu	0	0	0	0	0	0	0
Civ	0	0	0	0	0	22	22
TOT	0	0	45	0	0	77	122

Summary:

Source Data
1. TECH-0018,Part5 Response from DON, 15 Feb 2005.xls
2. TJCSG approved assumptions were not applied as directed by TJCSG, Navy Submit includes Navy Assumptions.

NPV results of 6.08 are $4081K greater than those of 6.07.

Data Standards

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* reassigned personnel + 150 * 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
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 leas 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.

DRAFT DELIBERATIVE DOCUMENT - FOR DISCUSSION PURPOSES ONLY - NOT RELEASABLE UNDER FOIA
This document may contain information protected from disclosure by public law, regulations or orders.

Patrick AFB, Cape Canaveral, FL

Demographics

The following tables provide a short description of the area near the installation/activity. Patrick AFB is 57.4 miles from Orlando, FL, the nearest city with a population of 100,000 or more. The nearest metropolitan statistical area (MSA) is

MSA	Population
Melbourne-Titusville-Palm Bay, FL MSA	476,230

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

County/City	Population
Brevard	476230
Indian River	112947
Total	589,177

Child Care

This attribute captures the number of nationally accredited child-care centers within the local community: 37

Cost of Living

Cost of Living provides a relative measure of cost of living in the local community. General Schedule (GS) Locality pay provides a relative scale to compare local salaries with government salaries and Basic Allowance for Housing (BAH) is an indicator of the local rental market. In-state tuition is an indicator of the support provided by the state for active duty family members to participate in higher-level education opportunities. For median household income and house value, the basis of the data (either MSA or number of counties in the MHA or the county of the installation) is indicated.

Median Household Income	(US Avg $41,994)	$40,099	Basis: MSA
Median House Value	(US Avg $119,600)	$94,400	
GS Locality Pay	("Rest of US" 10.9%)	10.9%	
O-3 with Dependents BAH Rate		$1,381	
In-state Tuition for Family Member		Yes	
In-state Tuition Continues if Member PCSs Out of State		Yes	

DRAFT DELIBERATIVE DOCUMENT - FOR DISCUSSION PURPOSES ONLY - NOT RELEASABLE UNDER FOIA
This document may contain information protected from disclosure by public law, regulations or orders.

Education

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

NOTE: "MFR"--means a Memorandum For Record is on file at the installation/activity/agency to document problems in obtaining the required information. Reasons for not being able to obtain information may be that the school district refused to provide the information or the school district does not use or track the information. For each entry, the number of school districts for which data are available of the total number of school districts reported, and the number of MFRs is indicated.

		Basis
School District(s) Capacity	77,238	1 of 1 district
Students Enrolled	71,700	1 of 1 district
Average Pupil/Teacher Ratio	17.4:1	1 of 1 district
High School Students Enrolled	21,260	1 of 1 district
Average High School Graduation Rate (US Avg 67.3%)	88.4%	1 of 1 district
Average Composite SAT I Score (US Avg 1026)	1030	1 of 1 district
Average ACT Score (US Avg 20.8)	22	1 of 1 district
Available Graduate/PhD Programs	4	
Available Colleges and/or Universities	4	
Available Vocational and/or Technical Schools	5	

Employment

Unemployment and job growth rates provide an indicator of job availability in the local community. National rates from the Bureau of Labor Statistics are also provided. For each entry, the basis of the data (either MSA or number of counties in the MHA or the county of the installation) is indicated.

The unemployment rates for the last five years:

	1999	2000	2001	2002	2003
Local Data	3.9%	3.4%	4.2%	5.4%	4.9%
National	4.2%	4.0%	4.7%	5.8%	6.0%
Basis:	MSA	MSA	MSA	MSA	MSA

DRAFT DELIBERATIVE DOCUMENT - FOR DISCUSSION PURPOSES ONLY - NOT RELEASABLE UNDER FOIA
This document may contain information protected from disclosure by public law, regulations or orders.

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

	1999	2000	2001	2002	2003
Local Data	1.6%	2.0%	1.0%	- .5%	1.1%
National	1.5%	2.4%	.03%	-.31%	.86%
Basis:	MSA	MSA	MSA	MSA	MSA

Housing

This attribute provides an indication of availability of housing, both sales and rental, in the local community. Note: According to the 2000 Census, Vacant Sale and Vacant Rental Units do not equal total Vacant Housing Units. Vacant housing units may also include units that are vacant but not on the market for sale or rent. For each entry, the basis of the data (either MSA or number of counties in the MHA or the county of the installation) is indicated.

Total Vacant Housing Units	23,877	Basis: MSA
Vacant Sale Units	3,613	
Vacant Rental Units	5,937	

Medical Providers

This attribute provides an indicator of availability of medical care for military and DoD civilians in the local community. The table reflects the raw number of physicians/beds and ratio of physicians/beds to population. The basis of the data (either MSA or number of counties in the MHA or the county of the installation) is indicated.

	# Physicians	# Beds	Population	
Local Community	973	1,112	476,230	Basis: MSA
Ratio	1:489	1:428		
National Ratio (2003)	1:421.2	1:373.7		

Safety/Crime

The local community's Uniform Crime Reports (UCR) Index for 2002 per 100,000 people and the national UCR based on information from the Federal Bureau of Investigation (FBI) for 2002 is provided. The basis of the data (either MSA or state) is indicated.

Local UCR	4,674.0	Basis: MSA
National UCR	4,118.8	

Transportation

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

DRAFT DELIBERATIVE DOCUMENT - FOR DISCUSSION PURPOSES ONLY - NOT RELEASABLE UNDER FOIA
This document may contain information protected from disclosure by public law, regulations or orders.

Distance from Patrick AFB to nearest commercial airport: 14.0 miles
Is Patrick AFB served by regularly scheduled public transportation? No

Utilities

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

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

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

Physical Capacity Analysis

Nuclear Technology Test and Evaluation (Sea Based)

Facility Name	Current Capacity SqFt	Current Usage SqFt	Max Potential Capacity SqFt	Capacity Available to Surge SqFt	Required to Surge SqFt	Excess Capacity SqFt
NAVORDTESTU_CAPE_CANAVERAL_FL	61,470	38,187	61,470	23,283	42,005	19,465
SUBMARINE_BASE_KINGS_BAY_GA *(NO EQUIVALENT TECHNICAL FOOTPRINT MEASURE AVAILABLE FOR COMPARISION)*						

Facility Name	Current Capacity FTE	Current Usage FTE	Max Potential Capacity FTE	Capacity Available to Surge FTE	Required to Surge FTE	Excess Capacity FTE
NAVORDTESTU_CAPE_CANAVERAL_FL	239	239	263	24	263	0
SUBMARINE_BASE_KINGS_BAY_GA *(NO EQUIVALENT TECHNICAL FTE MEASURE AVAILABLE FOR COMPARISION)*						

Nuclear Technology Test and Evaluation Pier Berthing Capacity

(Cruiser Equivalents (CGE))[1]

Facility Name	Current Capacity	Current Usage	Max Potential Capacity	Capacity Available to Surge	Required to Surge	Excess Capacity
NAVORDTESTU Cape Canaveral, FL	4	1	4	3	0	3
SBKB Kings Bay, GA	13.5	4[2]	13.5	9.5	0	9.5

[1] A metric for Naval pier/berthing capacity is Guided Missile Cruiser Equivalent (CGE) Units which equates to the size and support of one CG-47 Class Cruiser. For analysis purposes a Fleet Ballistic Missile submarine (SSBN-726 Class) is equal to one CGE

[2] 8 CGE with assumption that only half are in port at any given time

DRAFT DELIBERATIVE DOCUMENT - FOR DISCUSSION PURPOSES ONLY - NOT RELEASABLE UNDER FOIA
This document may contain information protected from disclosure by public law, regulations or orders.

SUBASE_KINGS_BAY_GA, GA

Demographics

The following tables provide a short description of the area near the installation/activity. SUBASE_KINGS_BAY_GA is 39 miles from Jacksonville, FL, the nearest city with a population of 100,000 or more. The nearest metropolitan statistical area (MSA) is

MSA	Population
Jacksonville, Fl MSA	1,100,491

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

County/City	Population
Camden	43664
Charlton	10282
Glynn	67568
Nassau	57663
Total	179,177

Child Care

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

Cost of Living

Cost of Living provides a relative measure of cost of living in the local community. General Schedule (GS) Locality pay provides a relative scale to compare local salaries with government salaries and Basic Allowance for Housing (BAH) is an indicator of the local rental market. In-state tuition is an indicator of the support provided by the state for active duty family members to participate in higher-level education opportunities. For median household income and house value, the basis of the data (either MSA or number of counties in the MHA or the county of the installation) is indicated.

Median Household Income	(US Avg $41,994)	$41,033	Basis: 4 of 4 counties
Median House Value	(US Avg $119,600)	$108,602	
GS Locality Pay	("Rest of US" 10.9%)	10.9%	
O-3 with Dependents BAH Rate		$ 874	
In-state Tuition for Family Member		Yes	
In-state Tuition Continues if Member PCSs Out of State		Yes	

DRAFT DELIBERATIVE DOCUMENT - FOR DISCUSSION PURPOSES ONLY - NOT RELEASABLE UNDER FOIA
This document may contain information protected from disclosure by public law, regulations or orders.

Education

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

NOTE: "MFR"--means a Memorandum For Record is on file at the installation/activity/agency to document problems in obtaining the required information. Reasons for not being able to obtain information may be that the school district refused to provide the information or the school district does not use or track the information. For each entry, the number of school districts for which data are available of the total number of school districts reported, and the number of MFRs is indicated.

		Basis
School District(s) Capacity		0 of 1 district, 1 MFR
Students Enrolled	9,703	1 of 1 district
Average Pupil/Teacher Ratio	17.0:1	1 of 1 district
High School Students Enrolled	2,578	1 of 1 district
Average High School Graduation Rate (US Avg 67.3%)	90.0%	1 of 1 district
Average Composite SAT I Score (US Avg 1026)	965	1 of 1 district
Average ACT Score (US Avg 20.8)	18	1 of 1 district
Available Graduate/PhD Programs	0	
Available Colleges and/or Universities	1	
Available Vocational and/or Technical Schools	0	

Employment

Unemployment and job growth rates provide an indicator of job availability in the local community. National rates from the Bureau of Labor Statistics are also provided. For each entry, the basis of the data (either MSA or number of counties in the MHA or the county of the installation) is indicated.

The unemployment rates for the last five years:

	1999	2000	2001	2002	2003
Local Data	3.5%	3.5%	3.6%	4.2%	4.6%
National	4.2%	4.0%	4.7%	5.8%	6.0%
Basis:	4 of 4 counties	4 of 4 counties	4 of 4 counties	4 of 4 counties	4 of 4 counties

DRAFT DELIBERATIVE DOCUMENT - FOR DISCUSSION PURPOSES ONLY - NOT RELEASABLE UNDER FOIA
This document may contain information protected from disclosure by public law, regulations or orders.

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

	1999	2000	2001	2002	2003
Local Data	2.2%	.6%	-1.4%	.3%	1.2%
National	1.5%	2.4%	.03%	-.31%	.86%
Basis:	4 of 4 counties	4 of 4 counties	4 of 4 counties	4 of 4 counties	4 of 4 counties

Housing

This attribute provides an indication of availability of housing, both sales and rental, in the local community. Note: According to the 2000 Census, Vacant Sale and Vacant Rental Units do not equal total Vacant Housing Units. Vacant housing units may also include units that are vacant but not on the market for sale or rent. For each entry, the basis of the data (either MSA or number of counties in the MHA or the county of the installation) is indicated.

Total Vacant Housing Units	12,135	Basis: 4 of 4 counties
Vacant Sale Units	1,221	
Vacant Rental Units	3,771	

Medical Providers

This attribute provides an indicator of availability of medical care for military and DoD civilians in the local community. The table reflects the raw number of physicians/beds and ratio of physicians/beds to population. The basis of the data (either MSA or number of counties in the MHA or the county of the installation) is indicated.

	# Physicians	# Beds	Population	
Local Community	285	360	179,177	Basis: 4 of 4 counties
Ratio	1:629	1:498		
National Ratio (2003)	1:421.2	1:373.7		

Safety/Crime

The local community's Uniform Crime Reports (UCR) Index for 2002 per 100,000 people and the national UCR based on information from the Federal Bureau of Investigation (FBI) for 2002 is provided. The basis of the data (either MSA or state) is indicated.

Local UCR	4,507.2	Basis: state
National UCR	4,118.8	

Transportation

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

Distance from SUBASE_KINGS_BAY_GA to nearest commercial airport: 30.0 miles
Is SUBASE_KINGS_BAY_GA served by regularly scheduled public transportation? No

DRAFT DELIBERATIVE DOCUMENT - FOR DISCUSSION PURPOSES ONLY - NOT RELEASABLE UNDER FOIA
This document may contain information protected from disclosure by public law, regulations or orders.

Utilities

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

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

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

Nuclear Technology Test and Evaluation (Sea Based) Military Value

Facility Name	MilVal
NAVORDTESTU_CAPE_CANAVERAL_FL	0.4046

Facility data for this scenario was limited to Navy facilities because it was a Navy only scenario. 7 locations were exempted from consideration as a consequence of a TJCSG decision not to analyze locations with less than 31 full time equivalent work years in a function. It was the military judgment of the TJCSG that the benefit to be derived from consideration of those facilities was far outweighed by the cost of that analysis.

DCN:11673

NOTU White Paper
Rec'd 6/6/05

Action 1: Close all Navy operations supporting Strategic Systems Programs at the Eastern Test Range at Cape Canaveral, FL, including NOTU, SPF(C), and OTSU TWO.

Action 2: Relocate functions to Strategic Weapons Facility, Atlantic (SWFLANT), Kings Bay, GA.

Action 3: Relocate USNS Waters to Naval Submarine Base Kings Bay, Naval Station Mayport, or a commercial port in the southeastern U.S. *(Note: USNS Waters is a MSC asset homeported at NOTU that supports SSP)*

Source: Office of the Director, Defense Laboratory Management, ODUSD (Labs)

DRAFT DELIBERATIVE DOCUMENT - FOR DISCUSSION PURPOSES ONLY
DO NOT RELEASE UNDER FOIA

Naval activities at Cape Canaveral (i.e. Naval Ordnance Test Unit) support testing sea-based weapon systems and presently comprise the Strategic Systems Program's (SSP) support center for strategic weapons system testing and assigned missile support.

In 1956, Cape Canaveral became the site for all test firings of the Fleet Ballistic Missile (FBM) Program, launching first from land and then from submerged submarines a continuous series of Polaris, Poseidon, and Trident missiles. Several recent decisions and changes in the execution of the TRIDENT (D-5) Program warrant consideration as to the continued Navy presence at Cape Canaveral and potential realignment of existing Navy functions supporting the eastern test range and strategic systems programs (e.g. NOTU, SPF(C), OTSU TWO, PSD Atlantic) to other activities such as Kings Bay. The decisions and changes in program direction leading to this potential action include:

- SSP, with Fleet concurrence, has made the decision to no longer do pad launches at Cape Canaveral, which is one of its primary missions.
- Fleet has decided to cease making port visits to Cape Canaveral based upon cost as well as the NOTU port facility's inability to meet requirements recently promulgated by DoDD S-5210.41-M.
- SSP made a programmatic decision to shift some missile testing capability (LCTMK) from NOTU to Strategic Weapons Facility, Atlantic (SWFLANT) in Kings Bay, GA.
- SSP is looking into the potential privatization of In-Tube Conversion work presently done by NOTU.
- Realignment of SSBNs to the west coast and stand-up of the Western Test Range in the Pacific results in a significant reduction in future use of the Eastern Test Range, which can be utilized in the same manner as the western range (e.g. no permanent presence on-site).

These factors when taken together do not require SSP facilities to be located at Cape Canaveral. There are some unique functions that are performed but those functions could be relocated to SWFLANT with minimal impact to the Navy's Strategic Weapons System yet the long-term benefits of consolidation. Data related to the number of personnel and specialized facilities that would need to be relocated is attached.

DRAFT DELIBERATIVE DOCUMENT - FOR DISCUSSION PURPOSES ONLY
DO NOT RELEASE UNDER FOIA

DRAFT DELIBERATIVE DOCUMENT - FOR DISCUSSION PURPOSES ONLY
DO NOT RELEASE UNDER FOIA

INFORMATION REQUIRED FOR BRAC SCENARIO DEVELOPMENT

Basic Assumptions:

a) Navy Eastern Range operations move to Strategic Weapons Facility Atlantic (SWFLANT), Kings Bay Georgia.
b) New facilities available at SWFLANT in FY10.
c) NOTU command structure merges with SWFLANT structure, rather than operating as a separate tenant of SUB Base Kings Bay.

1) Number of positions/billets to be relocated.

Total to be relocated include: 16 Naval officers, 121 naval enlisted, 42 Federal civil service positions and 167 contractor positions. Move dates would be dependent on the establishment of replacement facilities. Approximately 20 military enlisted currently occupy family housing provided via the Air Force. This constitutes a reduction of 4 military officer, 19 enlisted, 15 Civil Service and 60 contractor personnel from current levels at Eastern Range.

2) Military Construction and Family Housing Construction Cost Avoidance (dollars by estimated year will be needed).

There is a FY08 project to expand Complex 30 for $3.0M to support Trident II Life Extension testing. There is also a requirement for $14.5M for a NOTU Administrative building for FY09. There are no family housing projects.

3) Construction Requirements (i.e. what needs to be relocated)

a) Costs for Complex 30/Veta and cable shop relocation $11.3M
b) Cost for relocation Test Instrumentation repair facility $1.5M
c) Cost for relocation associated with USNS Waters for Services $750K

DRAFT DELIBERATIVE DOCUMENT - FOR DISCUSSION PURPOSES ONLY
DO NOT RELEASE UNDER FOIA

4) Tons of equipment and numbers of vehicles to be relocated.

There are 38 GSA vehicles that would need to be relocated. Initial estimate it that 2000 to 2500 tons of material would require relocation.

5) Square footage (SF) of facility to be shut down.

There is approximately 330,000 SF of administrative/ industrial building space and an additional 85,000 SF of storage buildings utilized within by the Navy. In addition, there are significant facilities besides the buildings including the Trident and Poseidon Wharfs and Launch complex 46. The wharf capability in particular requires significant SRM costs for maintenance and dredging that would not be reflected in a calculation only based on square footage.

6)Unique costs/savings associated with mission, moving, construction on a one-time or recurring basis.

a) Unique costs:
Above the costs of actual transportation of material to SWFLANT and construction costs at SWFLANT and assuming activation of new capability in FY10, capability requalification costs of:

a) $2M for complex 30/VETA and cable ship relocation in FY10 for missile testing requalification
b) GTB (guidance test facility) requalification costs of $1.5M in FY10
c) Test Instrumentation requalification costs of $500K in FY10.

b) Savings:

Annual savings of approximately $1.4M result from the elimination of special security support at NOTU provided by others, commencing FY 10.

Annual savings of approximately $4M/year in LMMS provided contractor support for operations, commencing in FY 10.

Annual savings of the Sustainment, Restoration, and Modernization (SRM) resources provided to NOTU for the facilities utilized by the Navy at Cape Canaveral.

7) Enclave Requirements (if required).

None identified.

8) Environmental impacts (if any).

None identified at this time

9) Additional community impact.

The move to SWFLANT will partially offset the loss of personnel associated with the already accomplished transfer of some of the Atlantic SSBNs.

10) Alternative Receivers.

No alternative site recommended. SWFPAC implementation costs would be substantially higher due to lack of appropriate existing buildings, which would necessitate a significantly larger initial investment. Alternate east coast sites may be acceptable for the USNS Waters home port.

NAVAL ORDNANCE TEST UNIT (NOTU)

DCN 1673

NAVAL ORDNANCE TEST UNIT

NAVY
Strategic Systems Programs
Nuclear Deterrence
Ballistic Missile Systems
Conventional Deterrence
From the Sea

COMMANDER NAVY REGION SOUTHEAST
ENABLING WARFIGHTER READINESS

45TH SPACE WING

MISSION

DCN: 11673

Naval Ordnance Test Unit exists to support missile tests, deployed systems, surface ships and submarine operations at Cape Canaveral as well as TRIDENT II flight tests at other Major Range and Test Facilities Base (MRTFB) activities.

CHAIN OF COMMAND

- Field Activity and Major Command of Strategic Systems Programs (SSP).
- Commanding Officer reports to the Director, SSP (Washington, DC).
- Financial accountability for facilities support to Commander, Navy Region Southeast (Jacksonville, FL).

DCN 11673

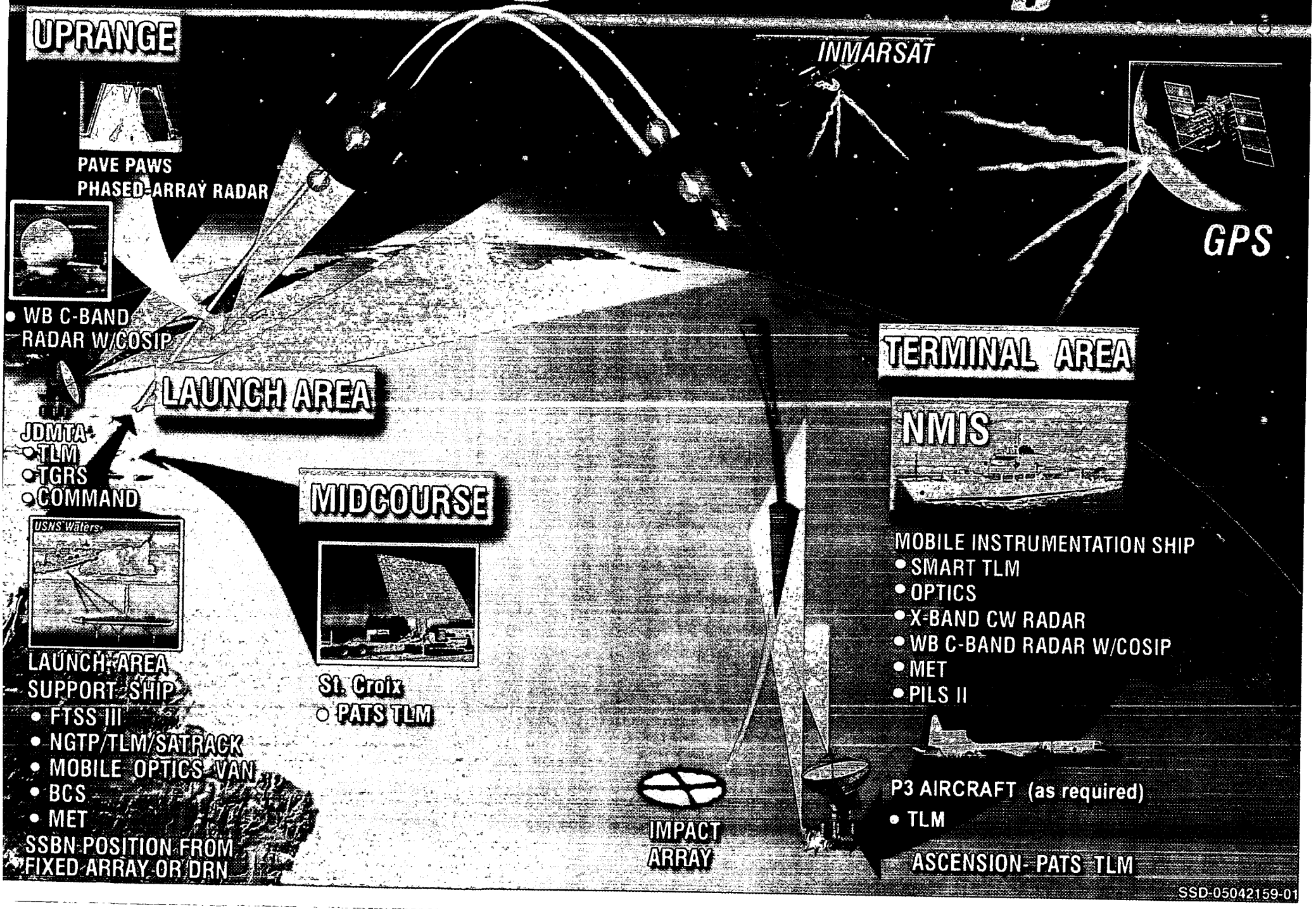
DCN:11673

CORE FUNCTIONS

- **TRIDENT II (D-5) Missile Flight Testing**
  - Fleet Commander Evaluation Tests (FCET)
  - Demonstration and Shakedown Operations (DASO)
  - In-tube conversion
  - Range operations
- **D-5 Missile capability development and modifications through the Integrated Test Capability**
  - Submarine Strategic Weapons System ashore
- **Navigation Subsystem capability development and modifications**
  - USNS WATERS
  - Operational Test Support Unit TWO (OTSU-2)
- **Missile Support Equipment acceptance, design, logistics and troubleshooting**

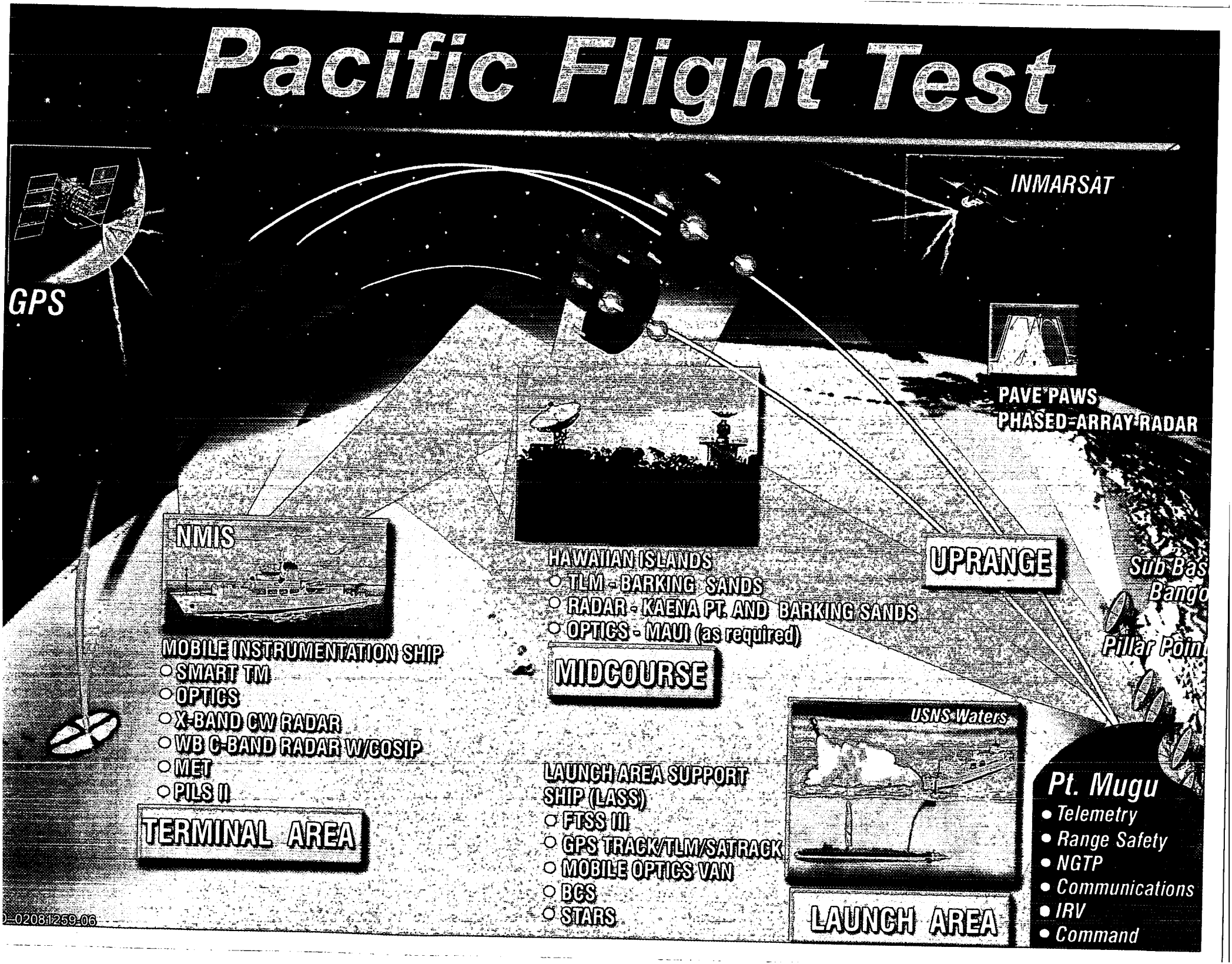
All unique capabilities

Atlantic Flight Test Program



SSD-05042159-01

Pacific Flight Test



D-02081259-06

ADDITIONAL FUNCTIONS

DCN:11673

- Operate the Navy port at Cape Canaveral, including providing logistics support and security for visiting US and allied fleet units, and serve as homeport for USNS Waters.

- Serve as a staging area for fleet operations, providing pier accommodations and as well as Personnel Transfer Vessel operations. Provide services as requested by operating units on a not to interfere with program basis.

Personnel

DCN:11673

	Military	Civilian	NAF	Contractor	**Total**
NOTU	84	52	26	1	163
OTSU-2	39	0	0	38	77
SPF-C	3	7	0	1	11
SP205	14	0	0	0	14
Contractors (on base)				312	312
Contractors (off base)				180	180
Total	140	59	26	532	757

Note: Military numbers reflect manning reductions in approval process

PARTNERS

- 45th Space Wing (USAF)
  - Eastern Range (range oversight for missile tests)
    - 45th Operations Group & Range Safety
  - Patrick Air Force Base (provides NOTU command support)
    - 45th Mission Support Group & 45th Medical Group
  - Cape Canaveral Air Force Station
- Royal Navy
  - Strategic Partnership with United Kingdom
  - Common Strategic Weapons System
- Army Corps of Engineers
- NASA

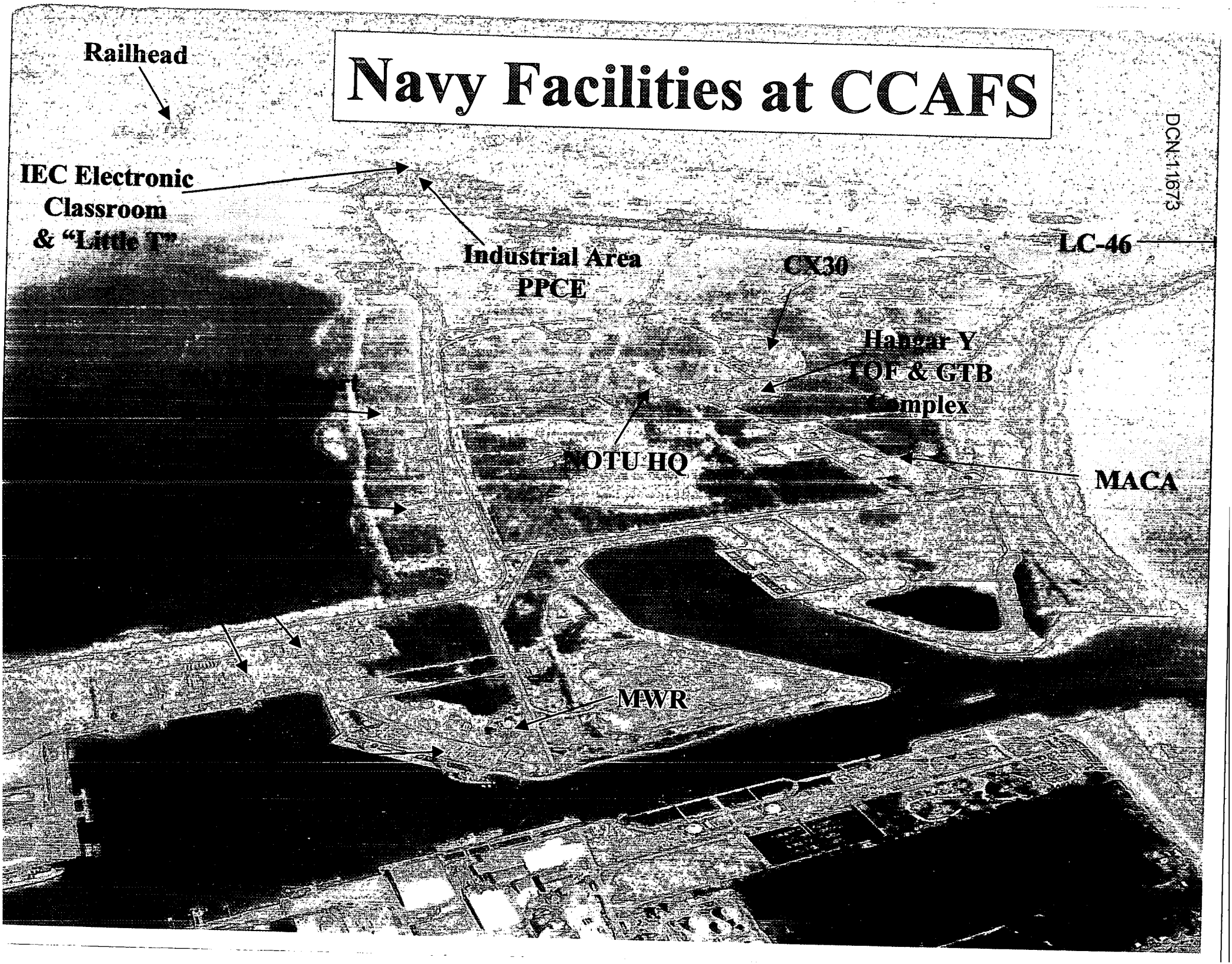
DCN:11673

FACILITIES

- 2 deep-draft wharves
- 2 portal cranes (45, 120 tons)
- 3 ordnance magazines
- 8 ordnance-rated processing buildings
- 1 launch pad w/ handling system
- 21 other major buildings (offices,warehouses, shops, computer facilities, specialized functions)
- 4 major recreation facilities
- 2300 items of weapon system support equipment under full maintenance

DCN:11673

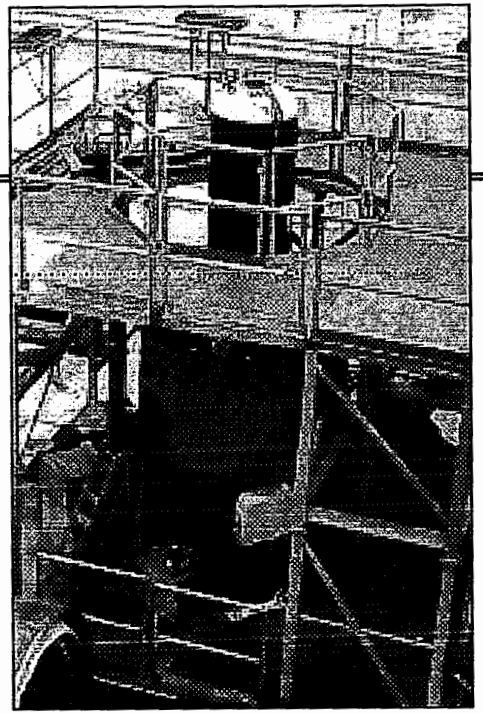
Navy Facilities at CCAFS



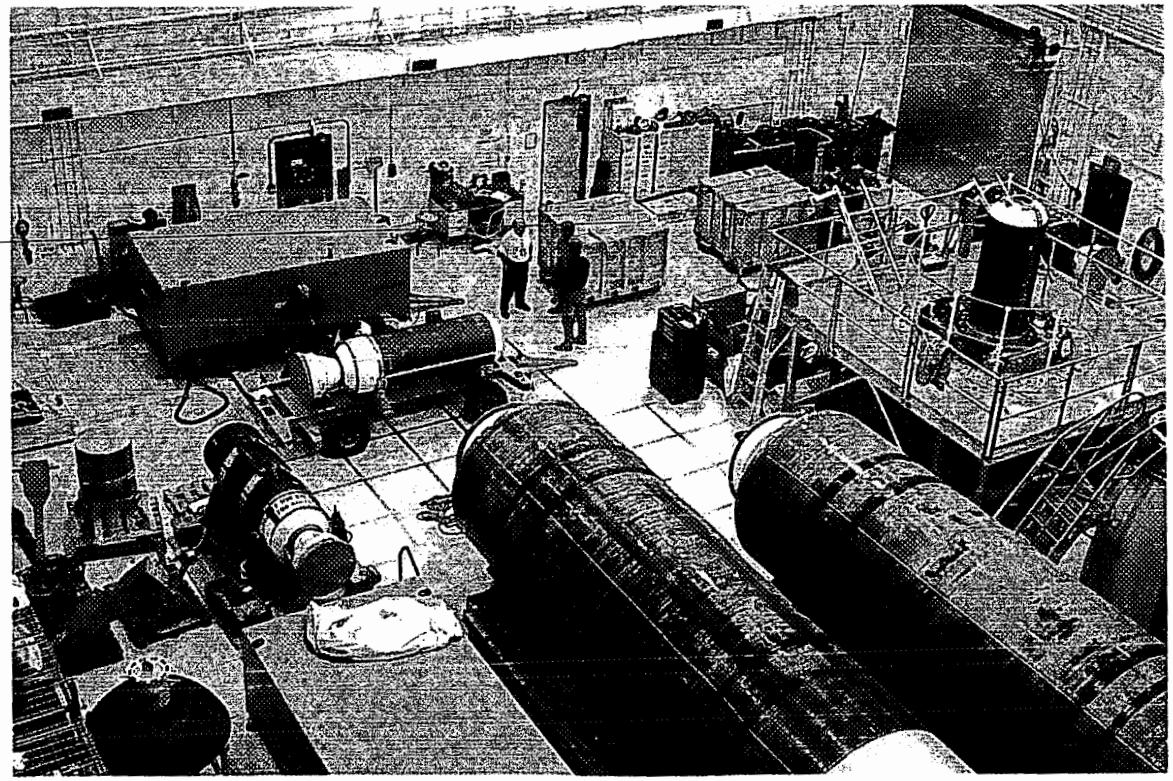
DCN-11673

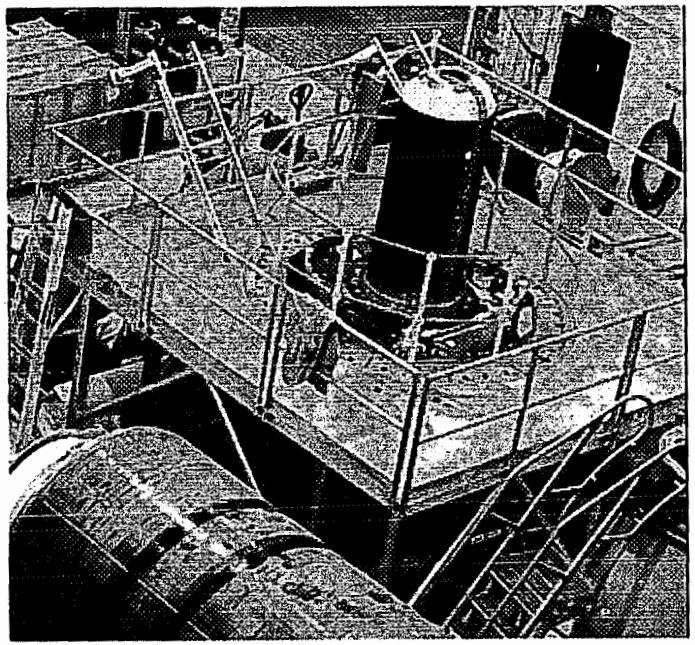
DCN:11673

FACILITIES - AQ



- **Support equipment problem investigation, solution development, maintenance performance and proofings, new support equipment fit check**



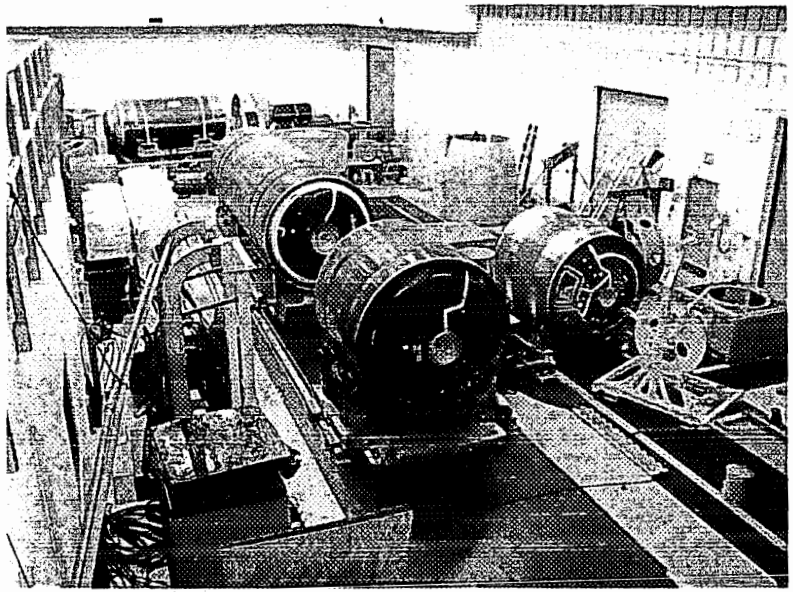


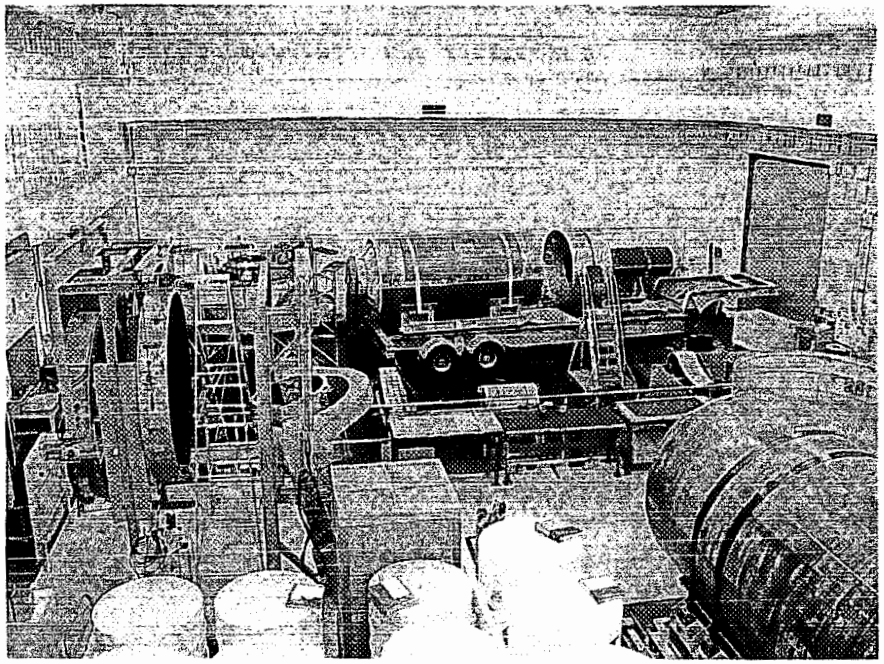
NAVAL ORDNANCE TEST UNIT

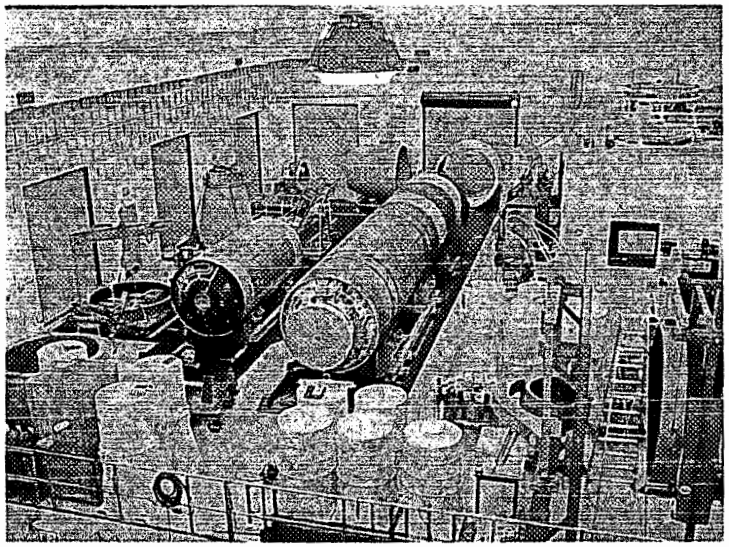
DCN:11673

FACILITIES - AH

- Low Cost Test Missile Kit (LCTMK) development
- Modernized M250 development
- Loading Tube Roll Fixture
- SACE Development
- Other functions



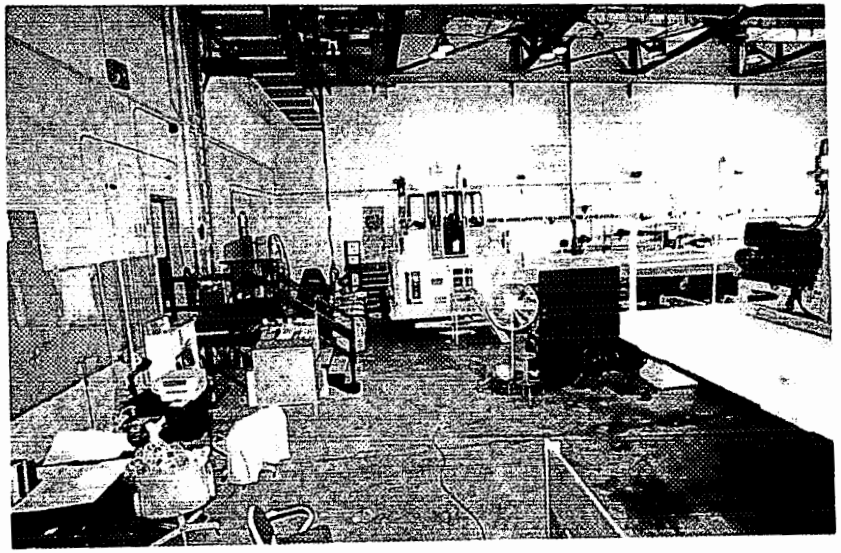


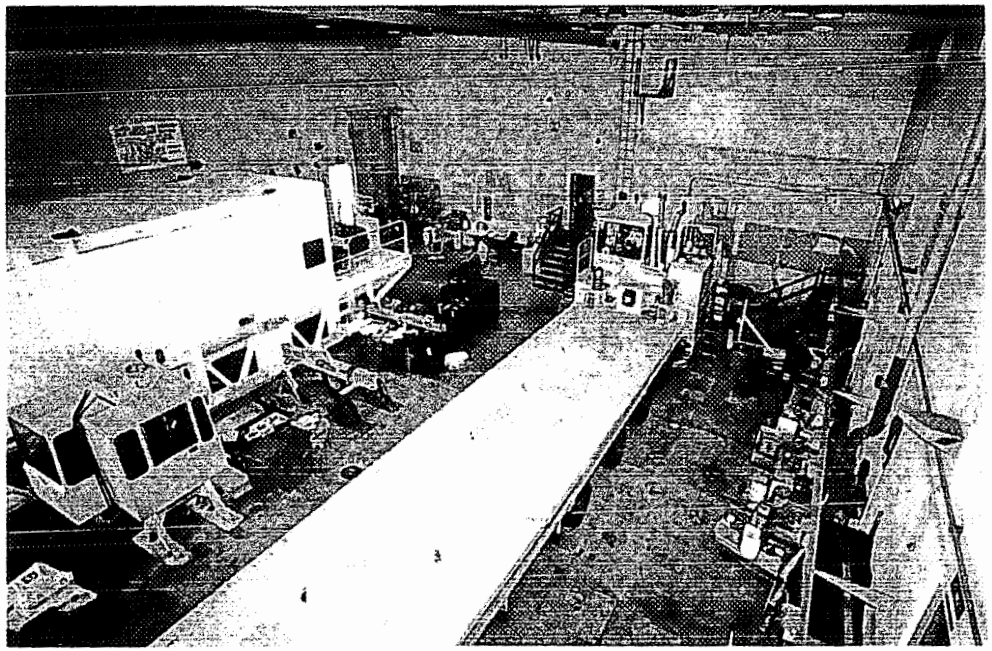


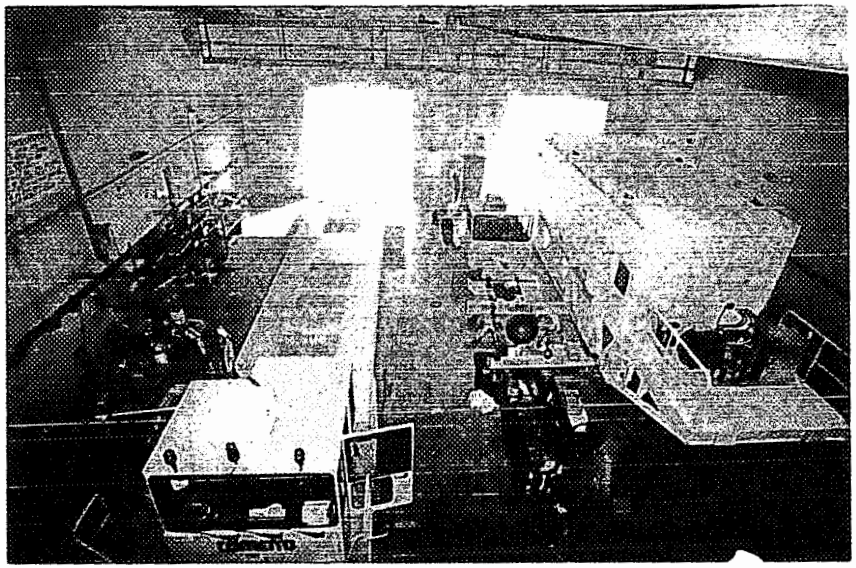
DCN:11673

FACILITIES - AJ

- Kneel-Down Transporter, Translift and Sideloader evaluations
- Problem Investigation, Solution Development, Maintenance Performance/Proofings,





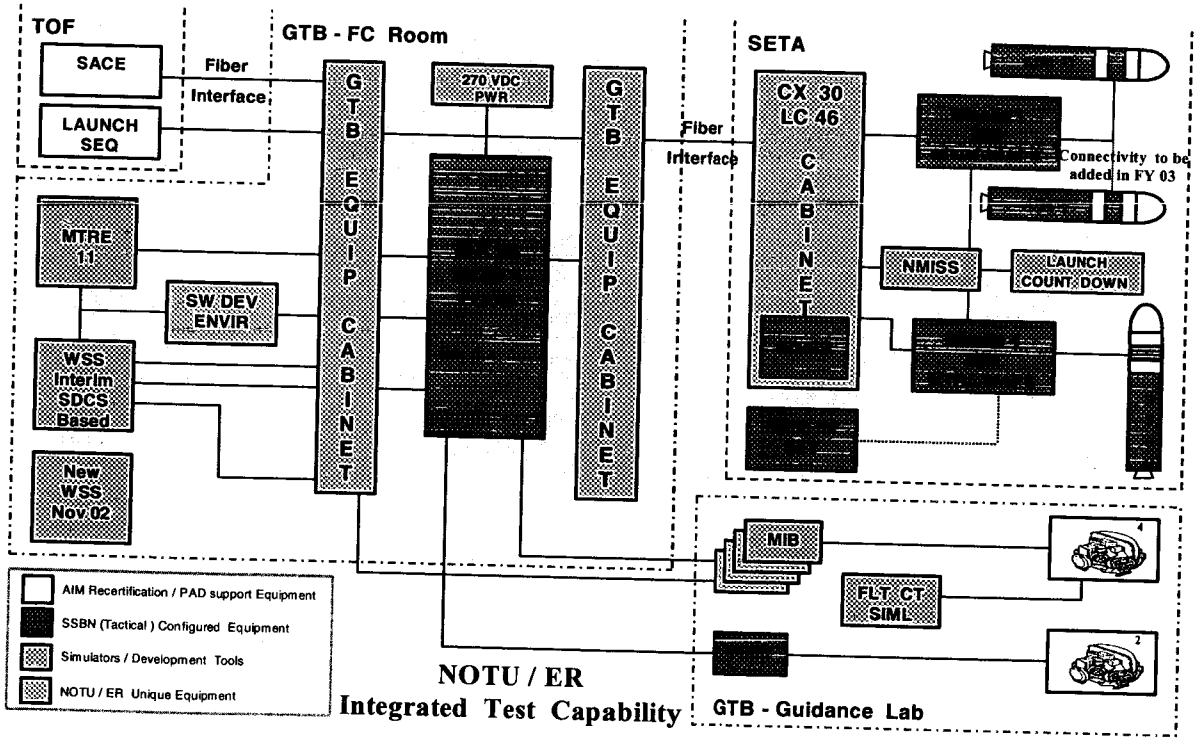


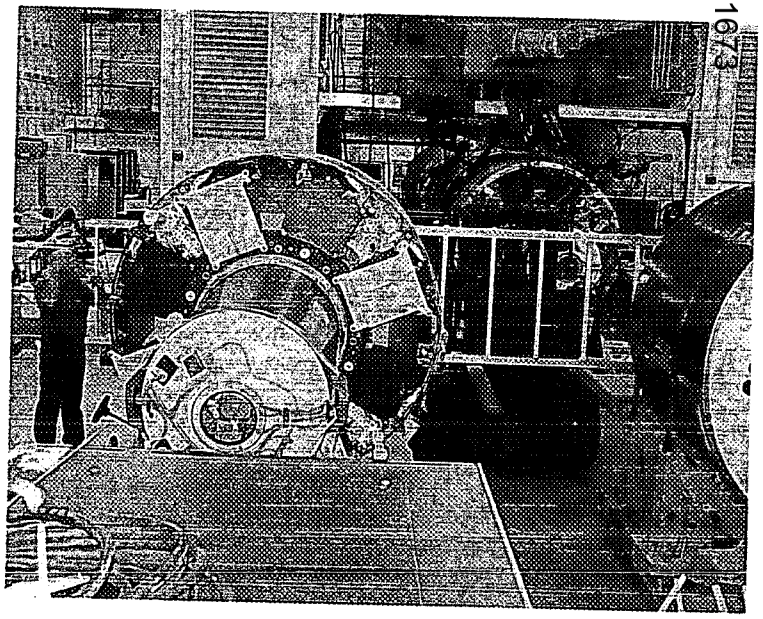
NAVAL ORDNANCE TEST UNIT

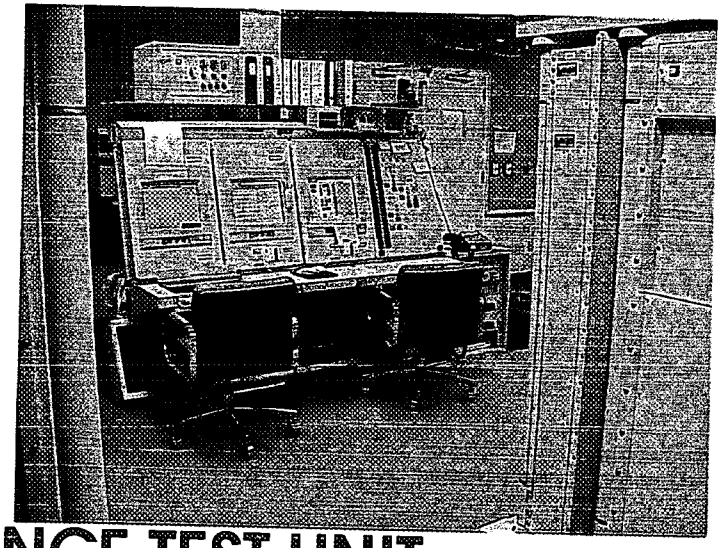
Integrated Test Capability

Complex 30, Guidance Test Building, Test Operations Facility

- Connects missile, Fire Control, and Guidance in interactive test scenario
- MK-4A development
- D-5 LE development and proofing critical path
- Fleet and facility problem investigation





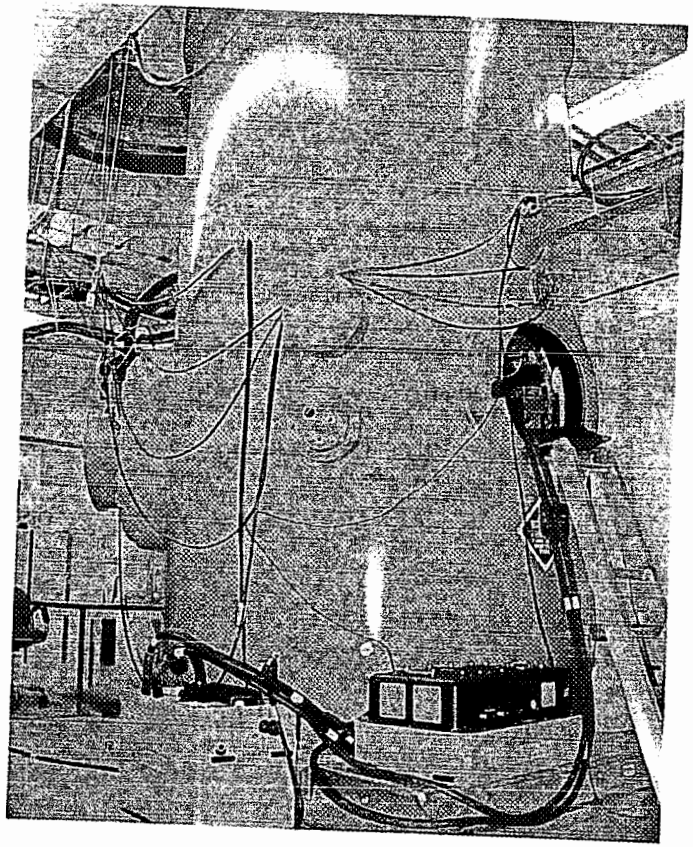


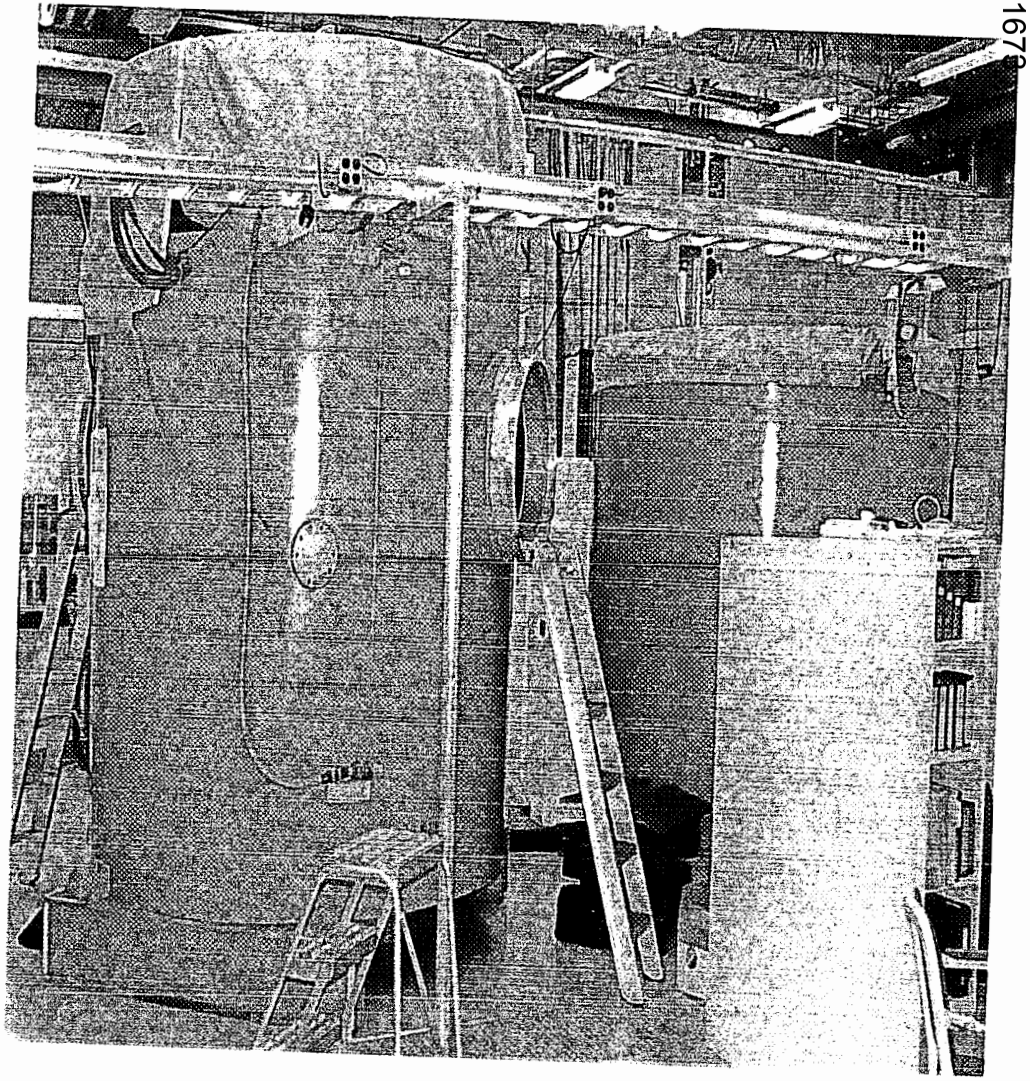
DCN:11673

Complex 30

DCN:11670

Also supports In-Tube Conversion training pipeline and proficiency exercises





NAVAL ORDNANCE TEST UNIT

OTHER TRIDENT SUPPORT

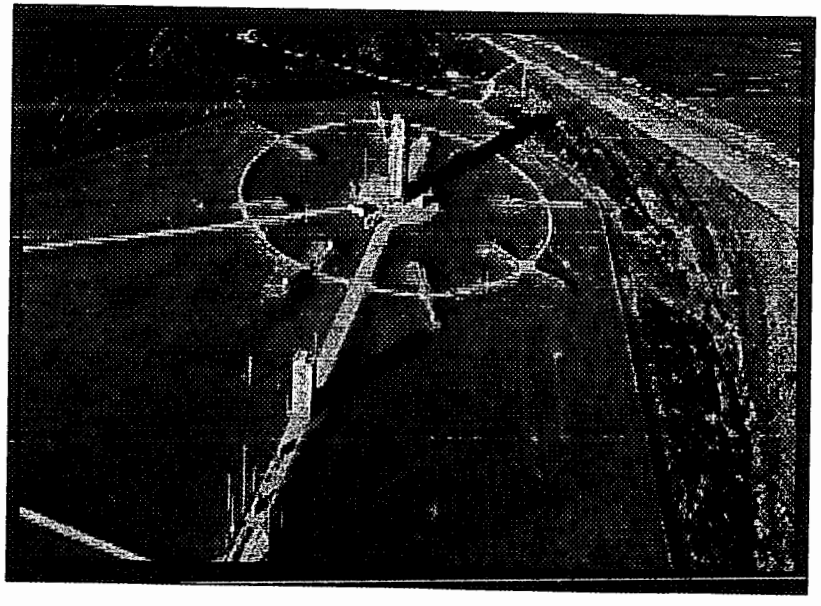
DCN:11673

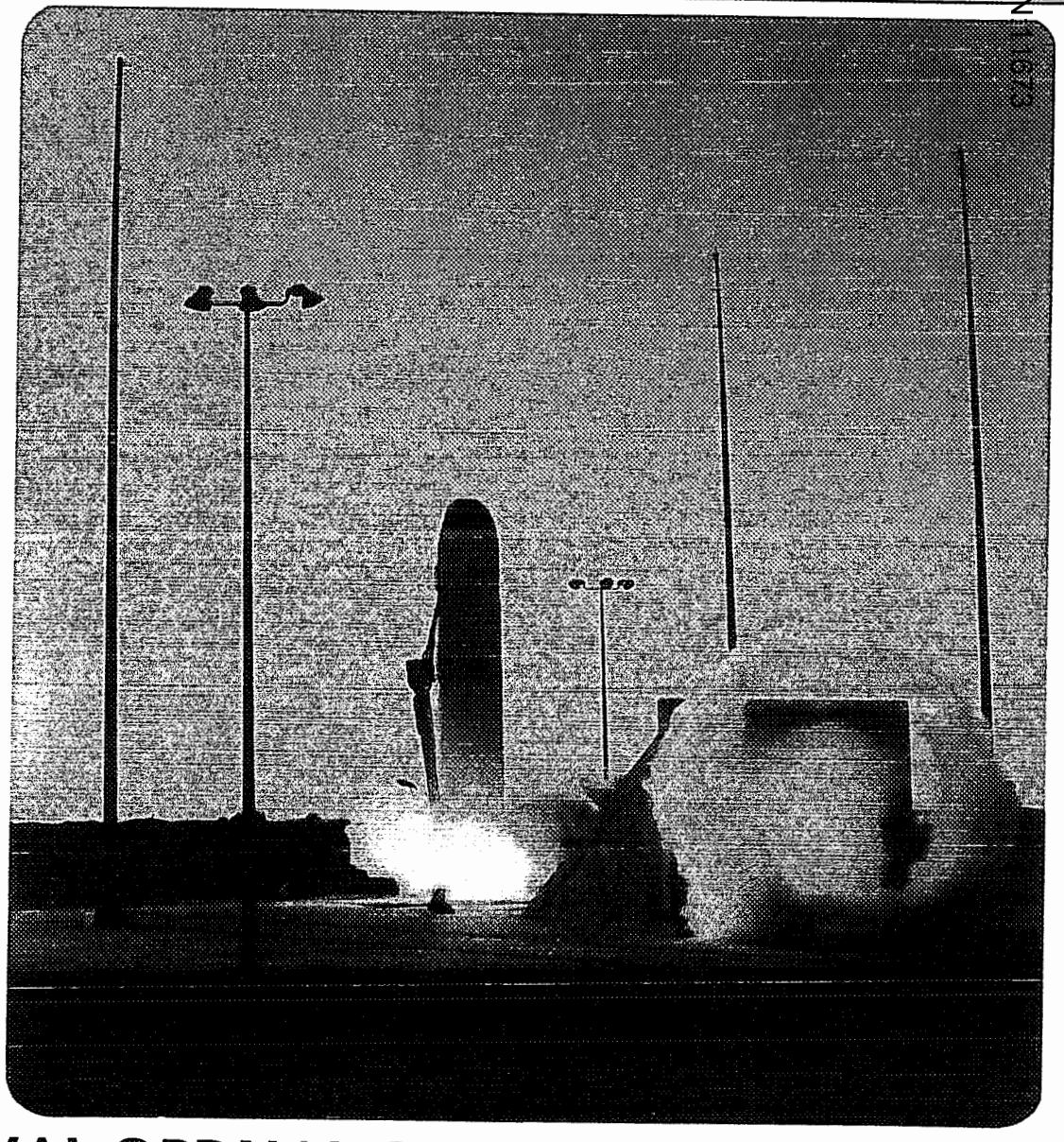
- **LMSSC** - largest presence of FBM contractors
- **Draper Labs** - missile guidance analysis & testing
- **APL/JHU** - test & systems analysis, reports
- **IEC** - test instrumentation operations & maintenance
- **Gryphon** - missile impact location
- **GDAIS, Boeing, BaE, LMNESS** - additional support
- **OTSU-2** – navigation subsystem operation/evaluation and flight test support
- **SP205 detachment** – flight test and DASO support

SLBM MISSILE TEST PROGRAM

- **Development: Pad shots, then submerged shots**

Launch Complex 46





DCN 11673

DCN:11673

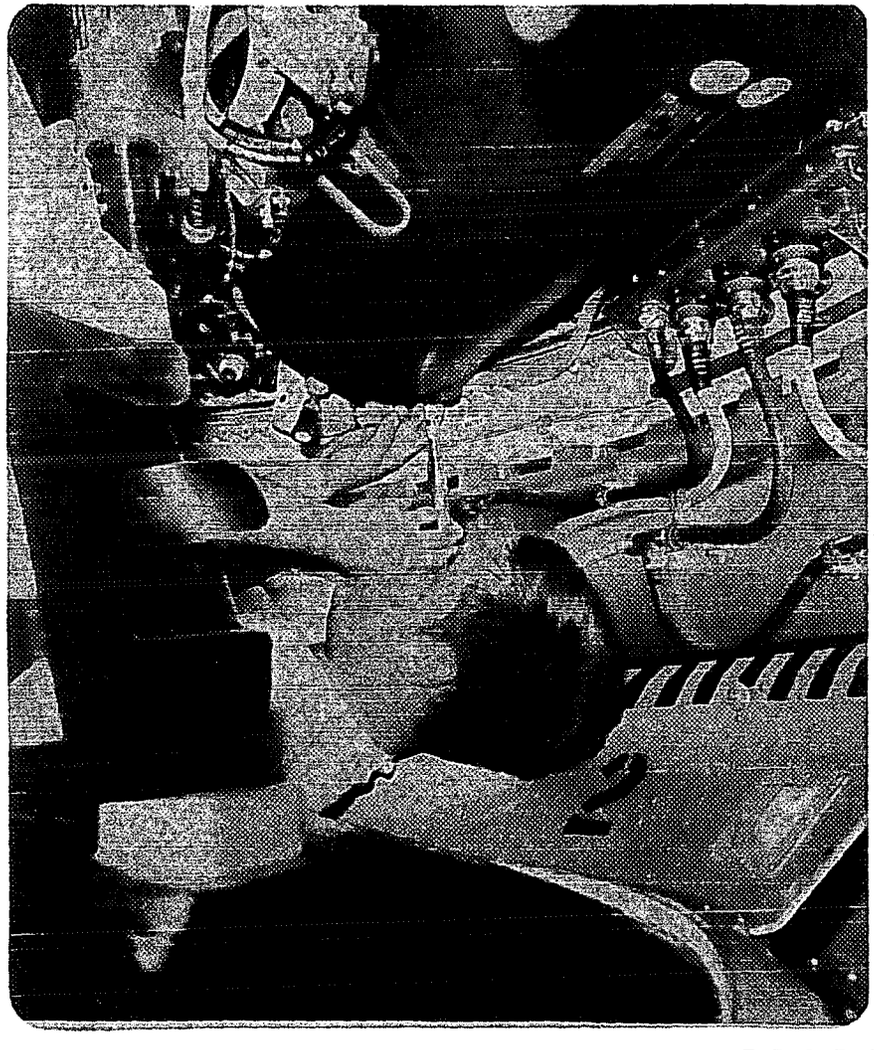
SLBM MISSILE TEST PROGRAM

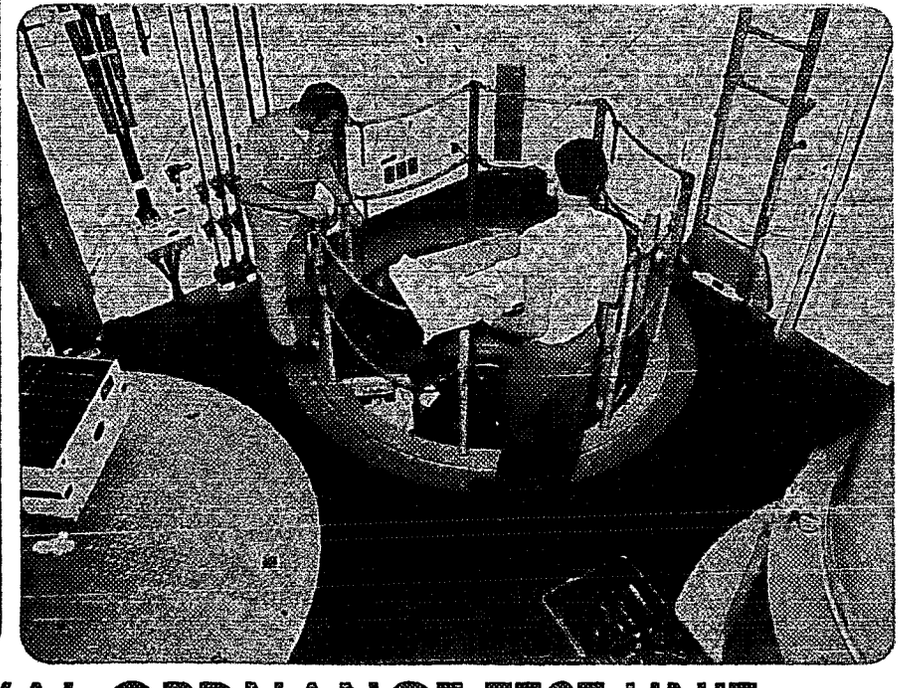
- Development
- **Demonstration and Shakedown Operations (DASO)**
  - **New construction/overhauled submarines**
  - **3 weeks training & grooming at NOTU**
  - **deliberate countdown to evaluate hardware**

DCN:11673

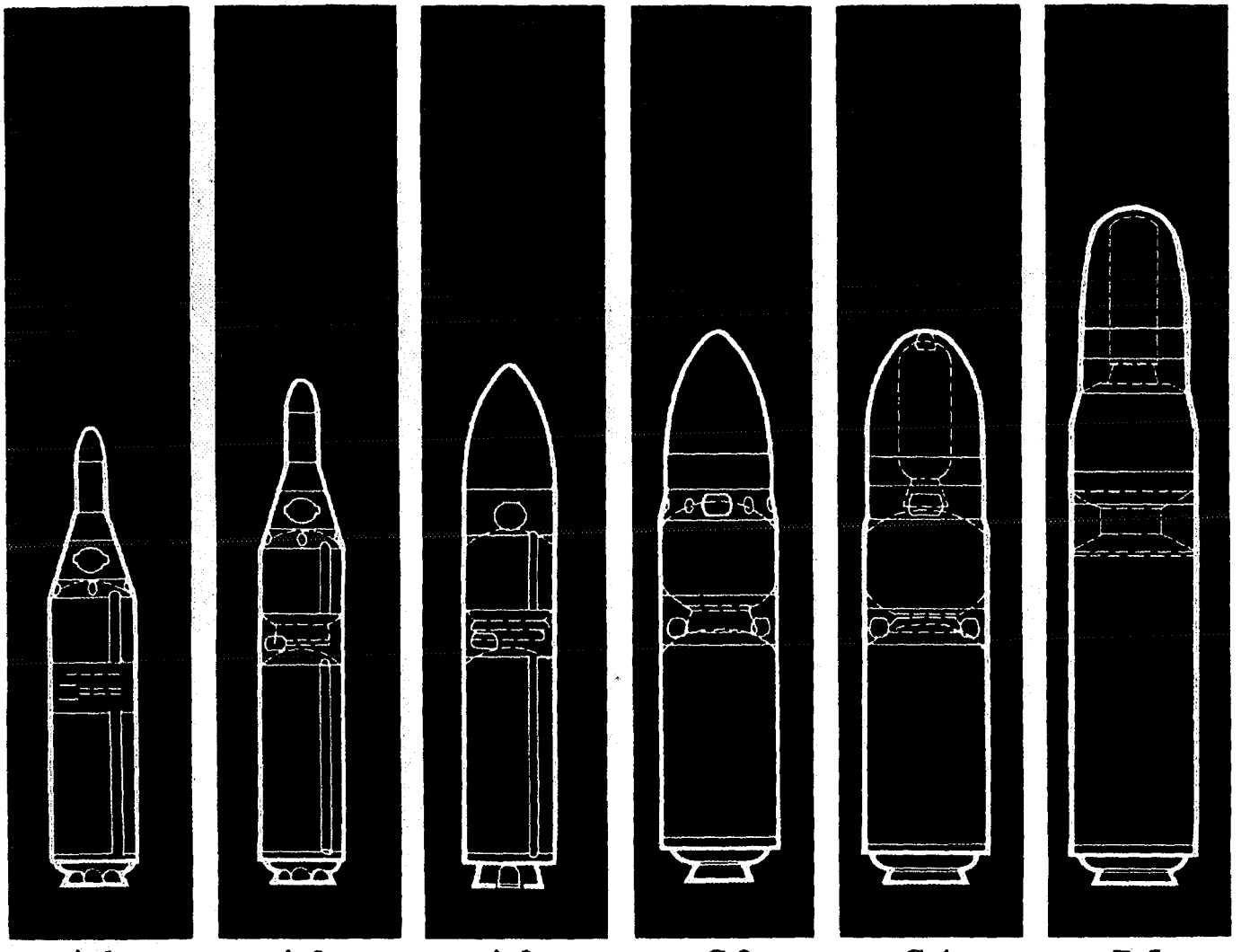
SLBM MISSILE TEST PROGRAM

- Development → DASO → **Fleet Commander Evaluation Test**
  - Submarine returns to homeport
  - Missiles configured for test
  - Return to patrol
  - No-notice countdown to evaluate hardware & crew

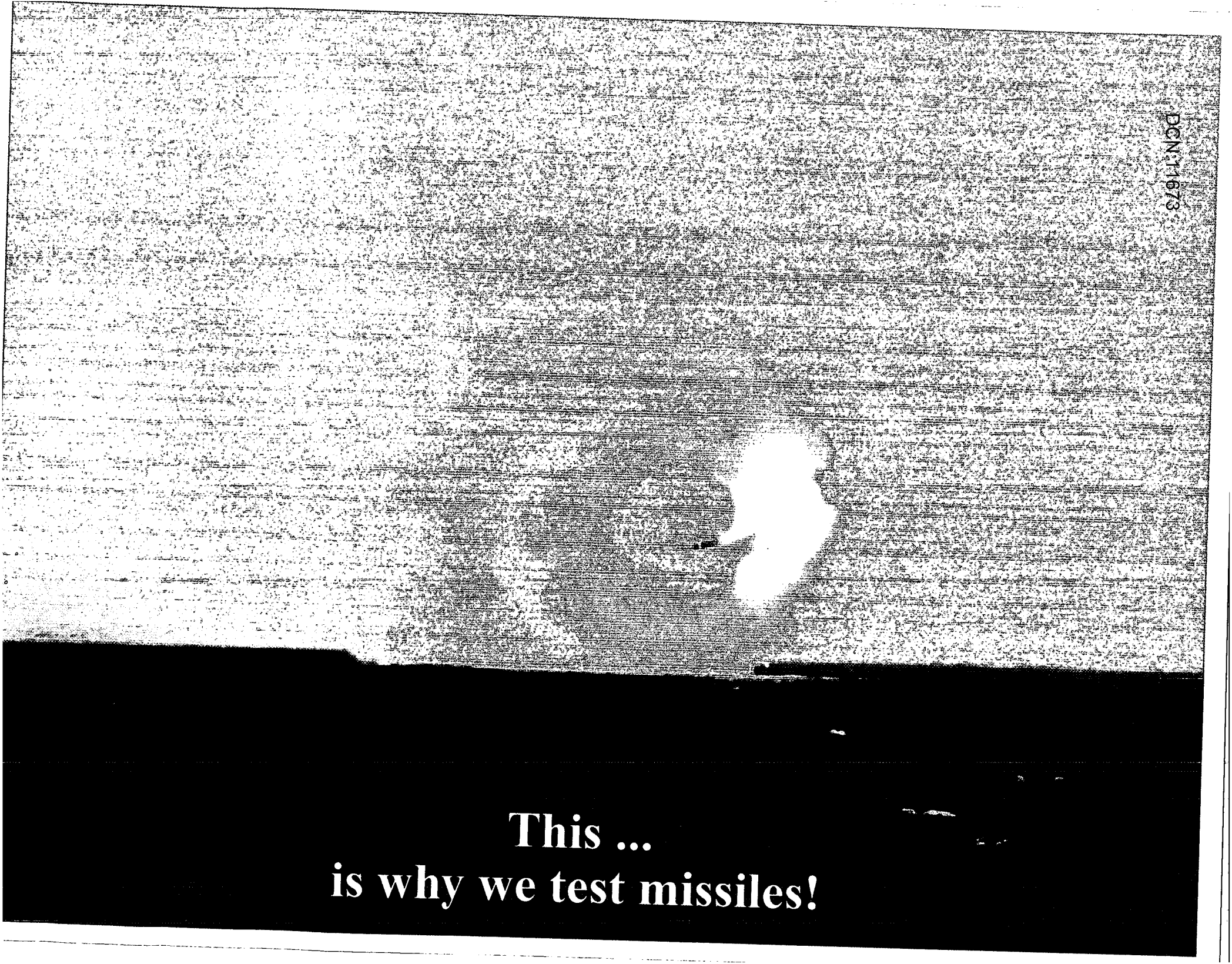




FLEET BALLISTIC MISSILES

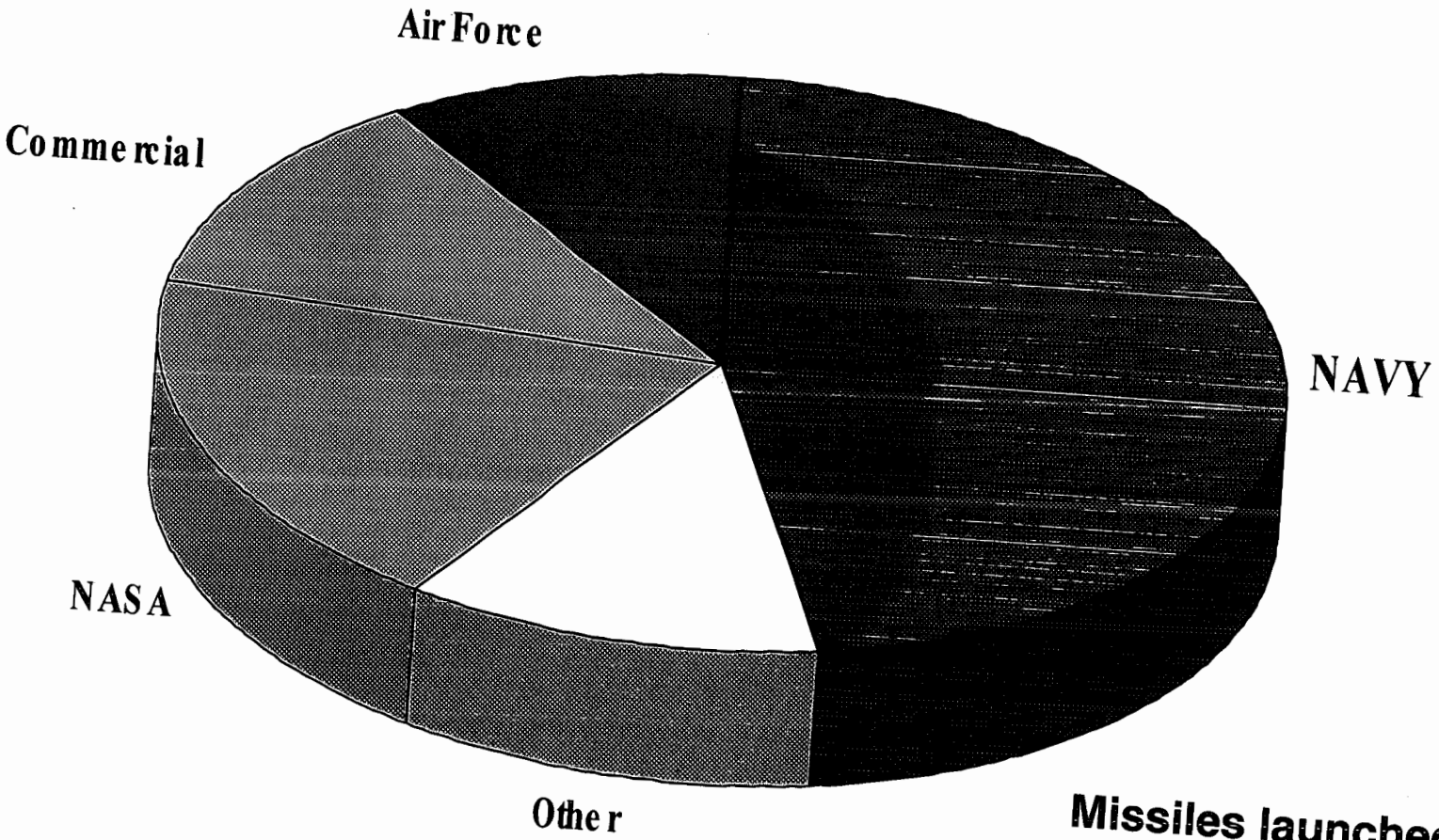


A-1 POLARIS	A-2 POLARIS	A-3 POLARIS	C-3 POSEIDON	C-4 TRIDENT	D-5 TRIDENT
1200 NM	1500 NM	2500 NM	2500 NM	4000 NM	4000 NM
28,800 LB	32,500 LB	35,700 LB	65,000 LB	65,000 LB	130,000 LB



DCN: 71973

Cape Launches FY77-FY04



Missiles launched

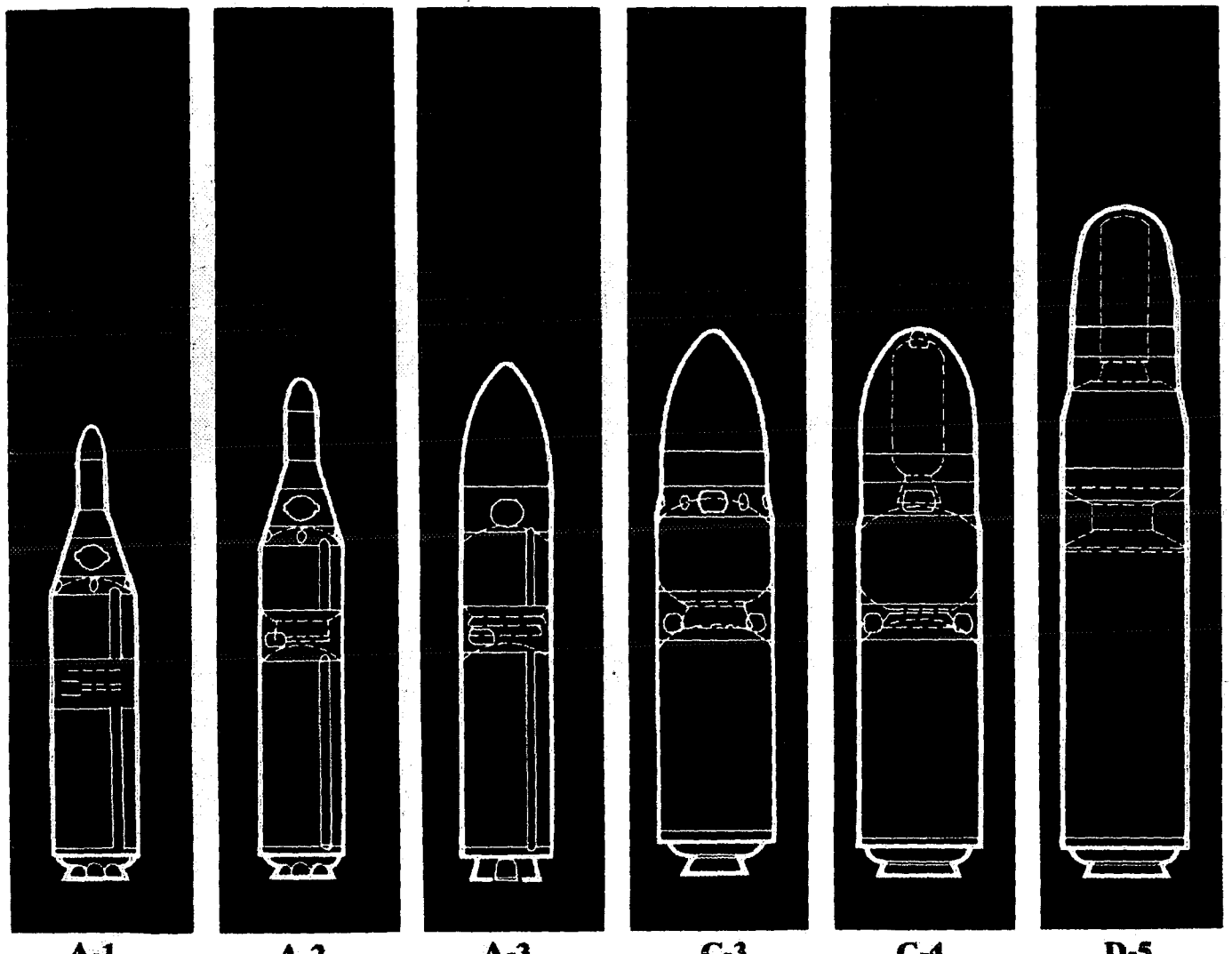
NAVY 471	47 %
NASA 190	19 %
Air Force 103	10 %
Commercial 125	12 %
Other 120	12 %

NAVAL ORDNANCE TEST UNIT

DCN 11673

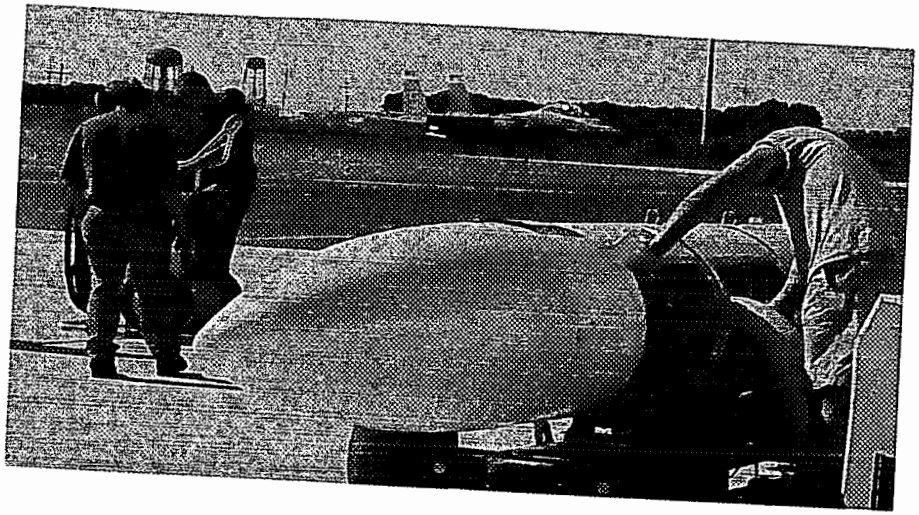
DCN:11673

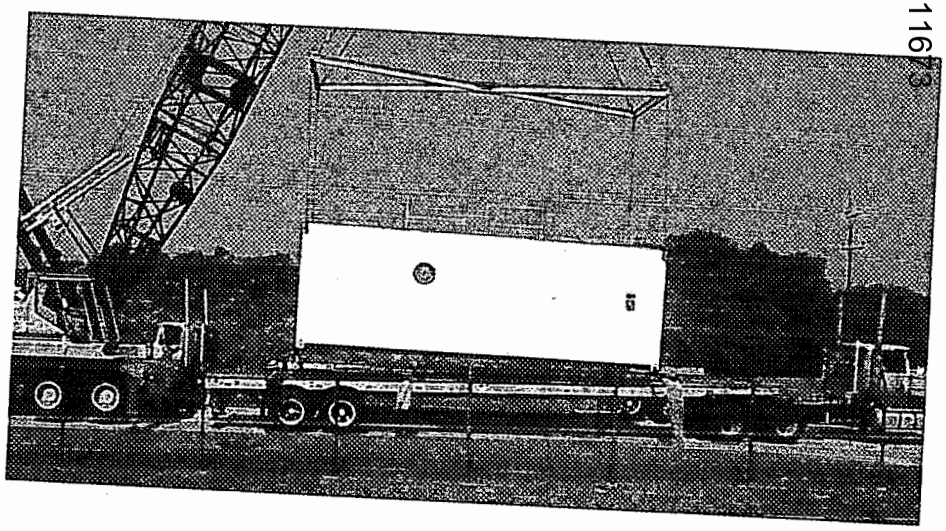
FLEET BALLISTIC MISSILES

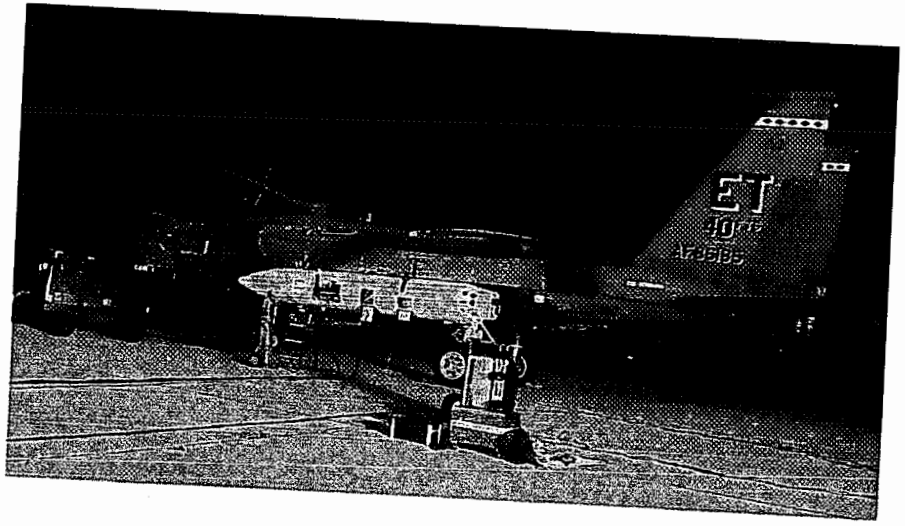


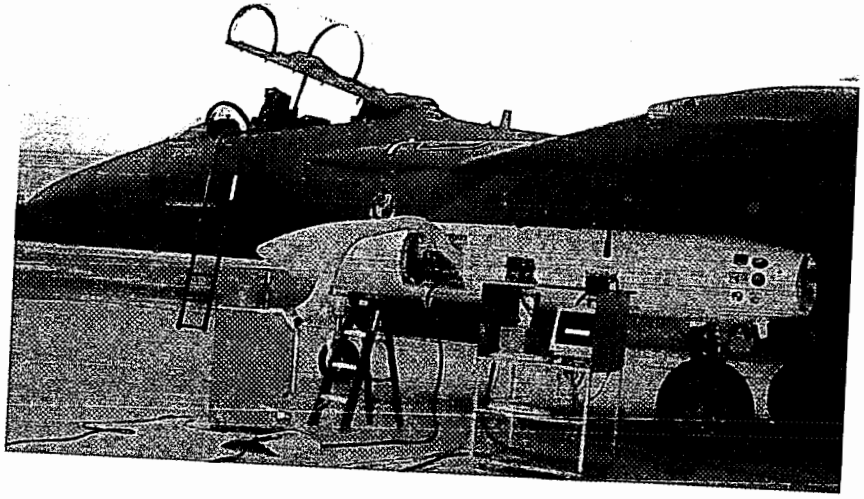
A-1 POLARIS	A-2 POLARIS	A-3 POLARIS	C-3 POSEIDON	C-4 TRIDENT	D-5 TRIDENT
1200 NM	1500 NM	2500 NM	2500 NM	4000 NM	4000 NM
28,800 LB	32,500 LB	35,700 LB	65,000 LB	65,000 LB	130,000 LB

OTHER TRIDENT SUPPORT









NAVAL ORDNANCE TEST UNIT

DCN:11673

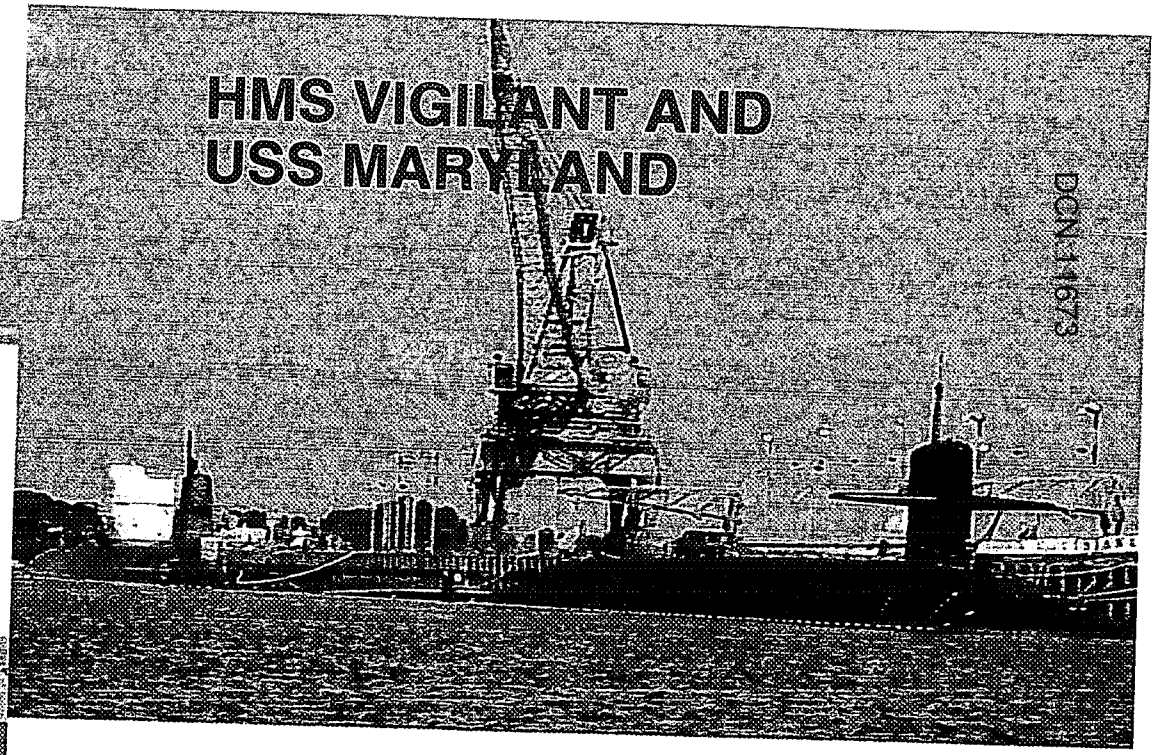
SHIP VISITS AT NOTU

- Facilities built, maintained for DASO support
- Homeport for USNS Waters
- Submarine projects, voyage repairs, weapons testing
- Midshipmen summer training
- Frequent VIPs and personnel transfers
- Tactical training/evaluations for SSNs
- Liberty port for submarines, surface warships
  - safe, inexpensive, unique opportunities
  - wonderful support by local community
- Myriad other users: MSC, NASA, SEALS
- Easy port access; diving waters close by
- Guaranteed berth; good tugs & pilots

DCN 11673

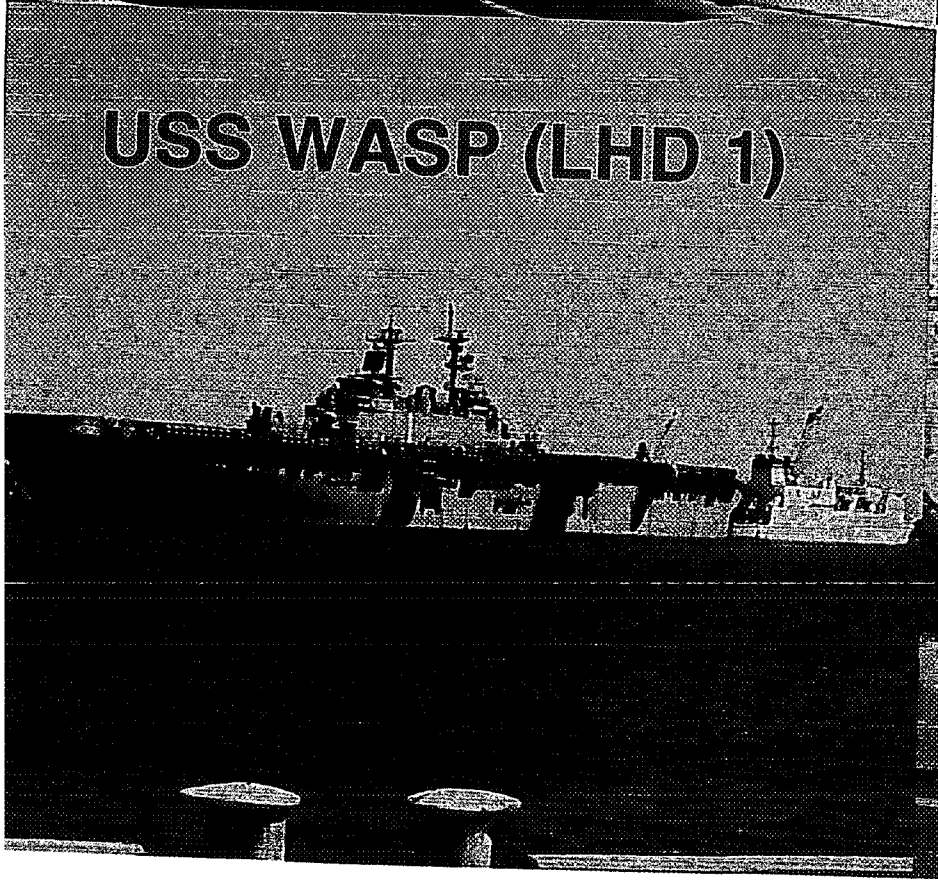
VICE PRESIDENT CHENEY'S VISIT

HMS VIGILANT AND USS MARYLAND

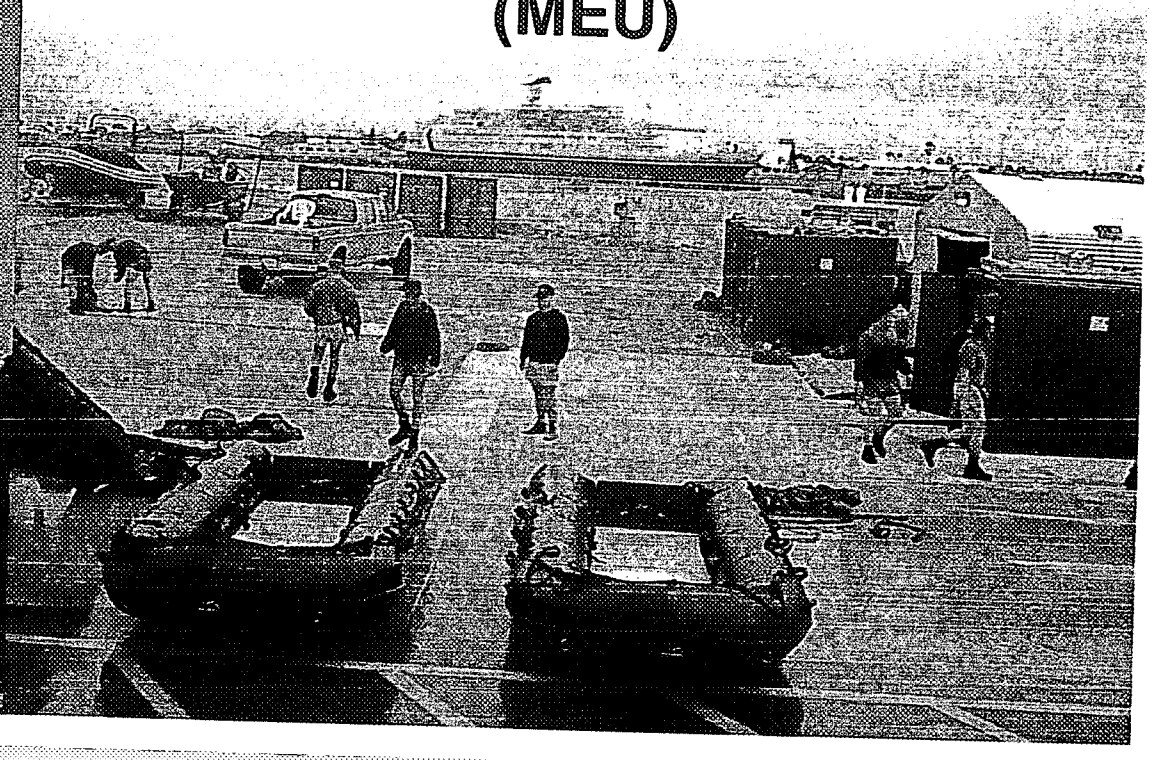


DCN 14973

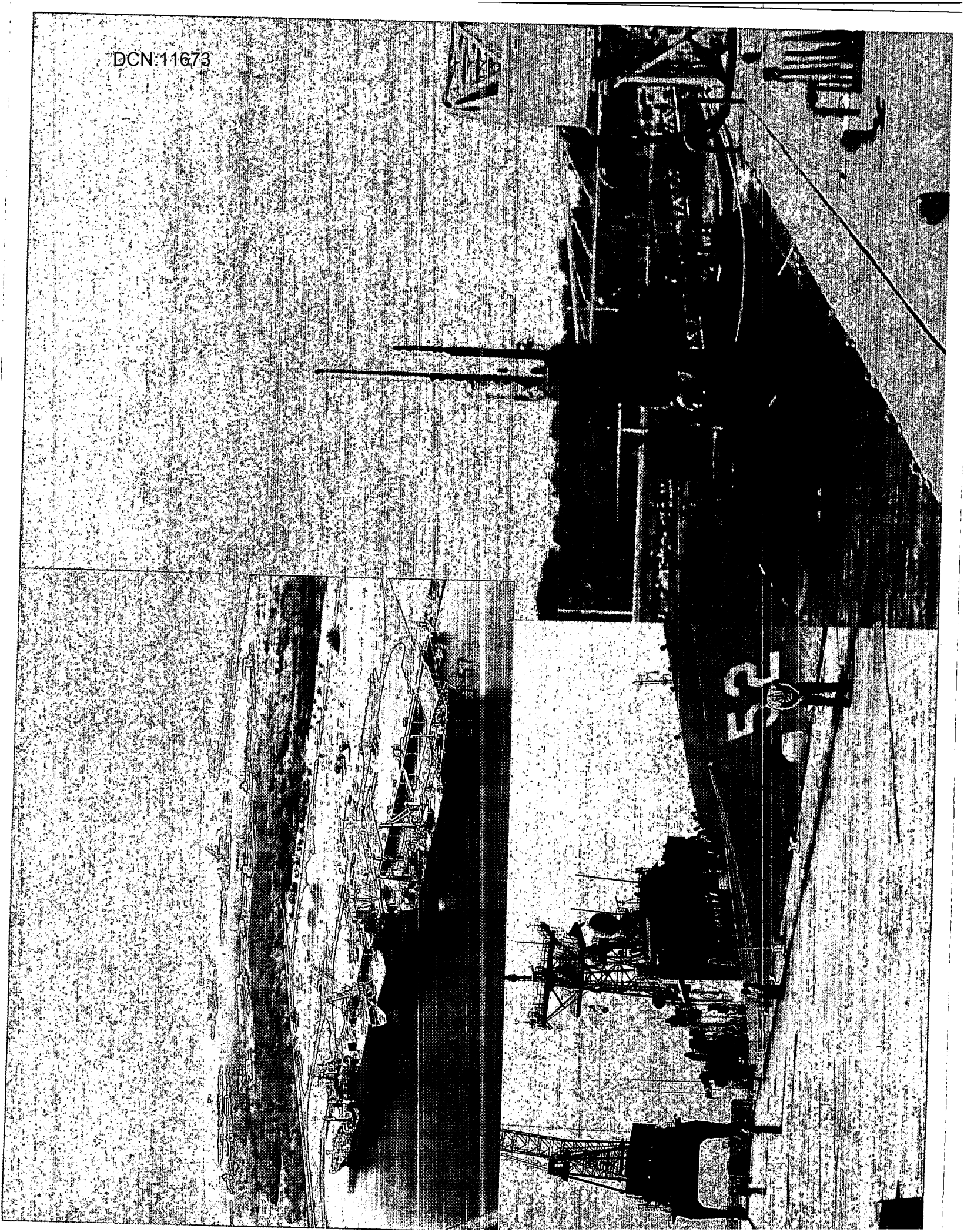
USS WASP (LHD 1)

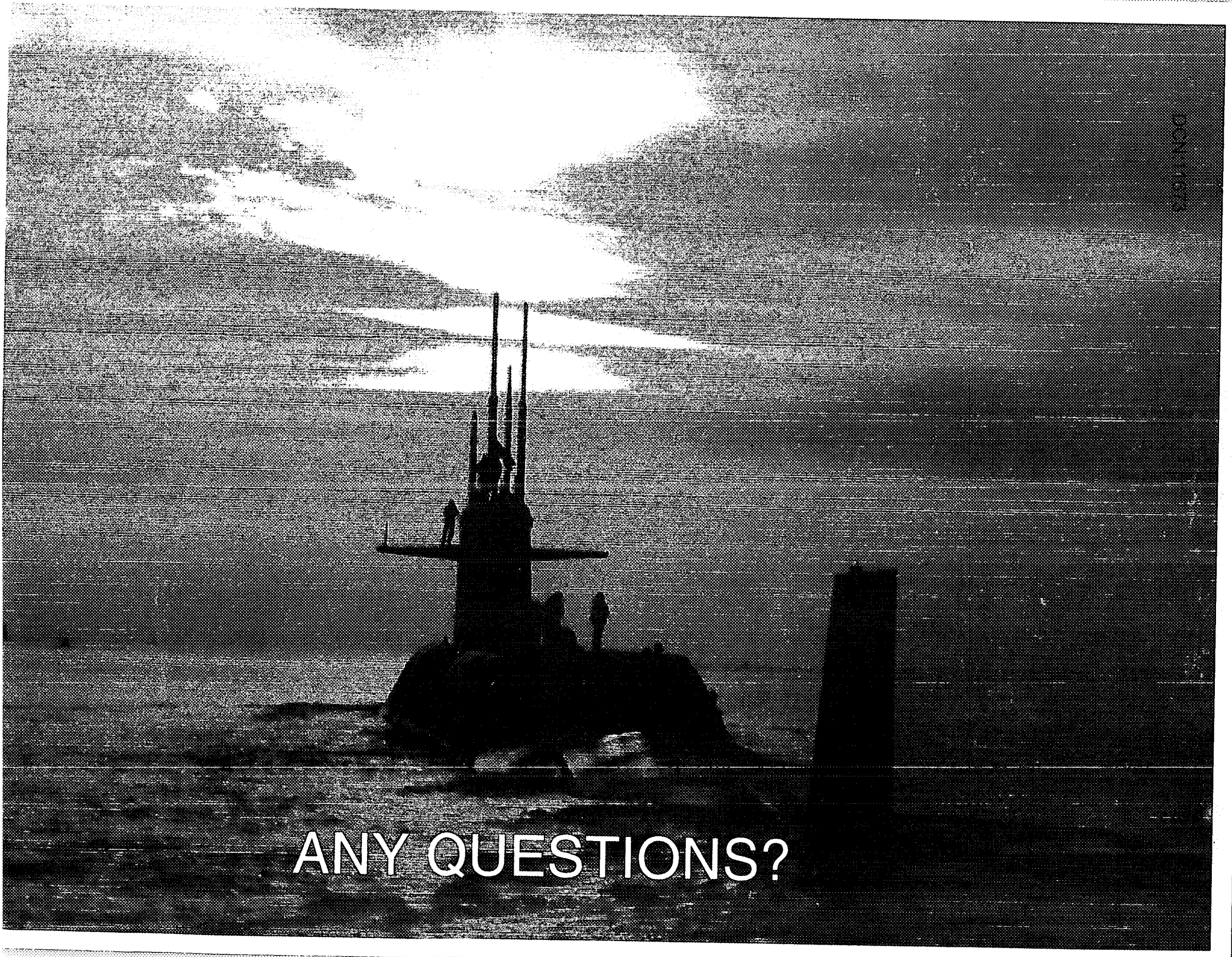


MARINE EXPEDITIONARY UNIT (MEU)



DCN 11673




ANY QUESTIONS?

Control of the Battlefield Begins Here

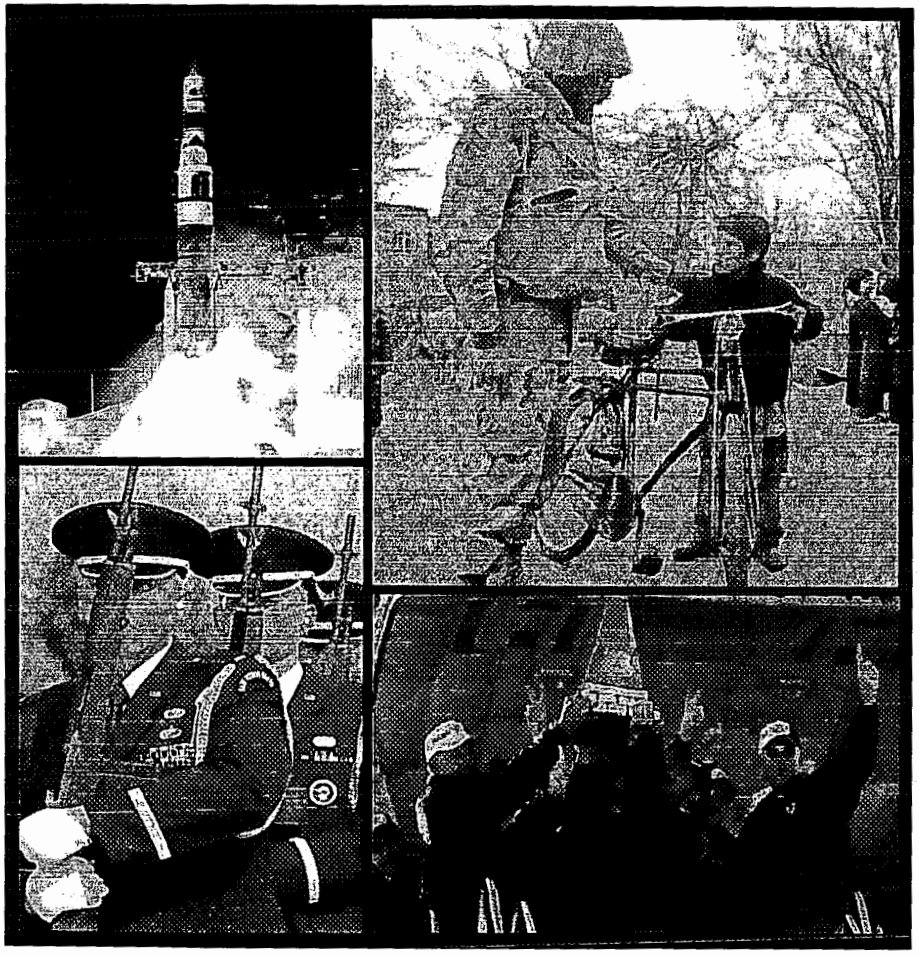
45th Space Wing Mission Brief

Col Gregory Billman
45th Operations Group
Commander

This Briefing is UNCLASSIFIED

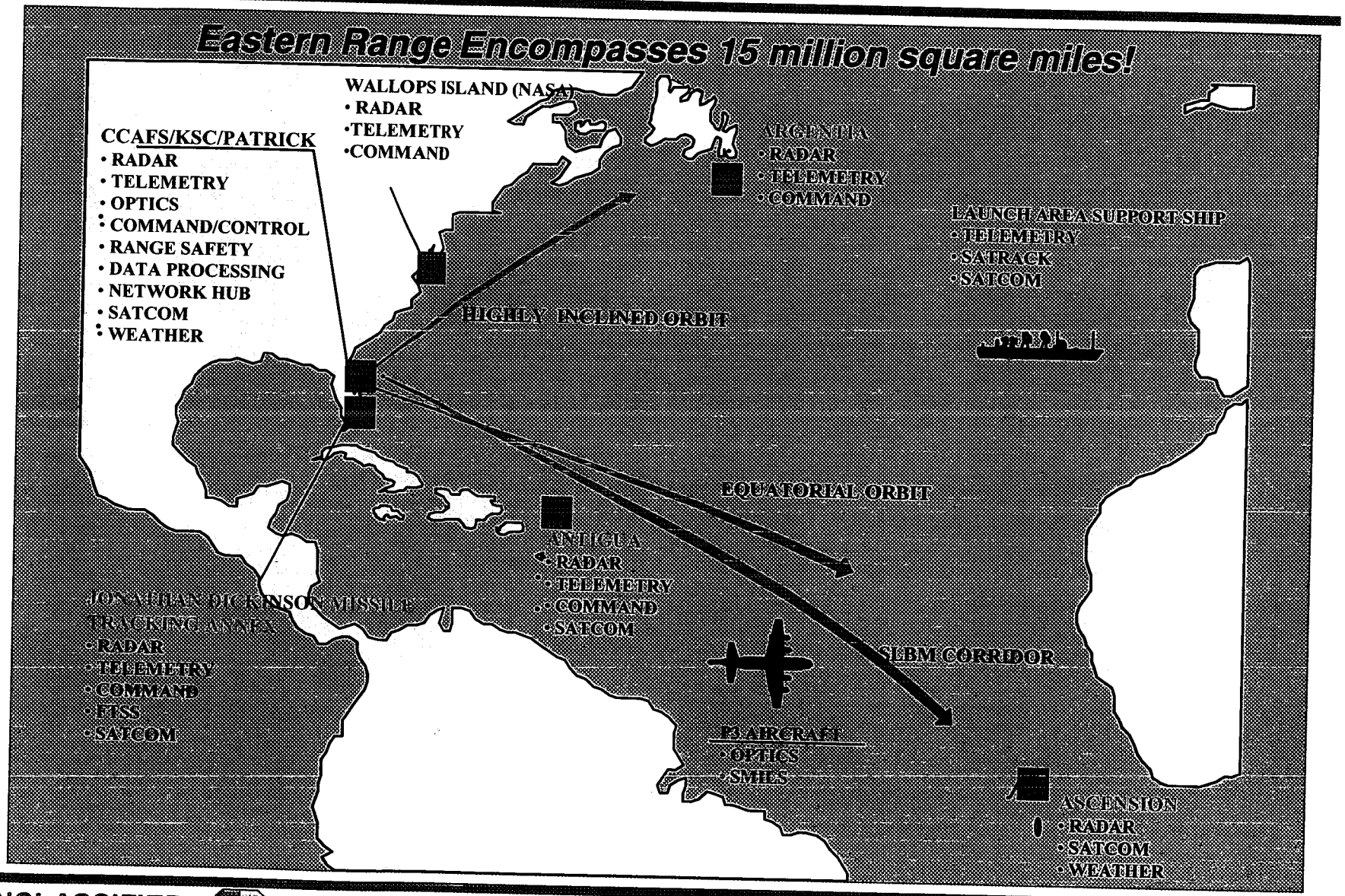
DCN:11673

Our Mission



- Mission
  - To assure access to the high frontier and to support global operations
- Vision
  - To provide the world's most responsive, reliable and cost-effective access to space
- Mission Areas
  - Eastern Range Operations
  - Launch Operations and Support
  - Expeditionary and Contingency Readiness
  - Base and People support

Eastern Range



Wing Leadership

Commander
45th Space Wing
Brig Gen (sel) Mark Owen

Executive Director of
the Eastern Range
45th Space Wing
Mr Bob Fore

Vice Commander
45th Space Wing

Command CMSgt
45th Space Wing
CMSgt James E. Parkhill Jr.

Executive Director
Spaceport Mgt Office
Ms Susan Kroskey

Commander
45th Operations Group
Colonel Gregory Billman

Commander
45th Launch Group
Colonel Samuel Greaves

Commander
45th Mission Support Group
Colonel Edwin Swedberg

Commander
45th Medical Group
Colonel Gilbert Hansen

Commander
DDMS Support Office
Colonel John Cherniga

UNCLASSIFIED

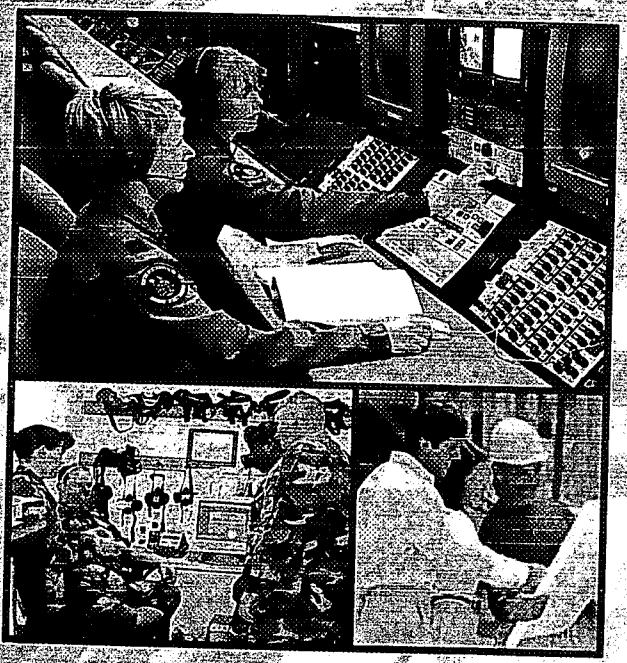
DCN:11673

Our People

45th SPACE WING

4 Groups, 27 Units

- Operations
- Launch
- Medical
- Mission Support



Approximately 12,000 strong

- 2,150 + Military
- 1,850 + Civilian
- 7,150 + Contractor

MISSION PARTNERS

35 Active Duty, Guard, and Reserve Units

- AFTAC
- JSTARS
- DEOMI
- US ARMY
- NASA
- NOTU
- FLANG
- 920 RQW
- US Dept of State
- Others

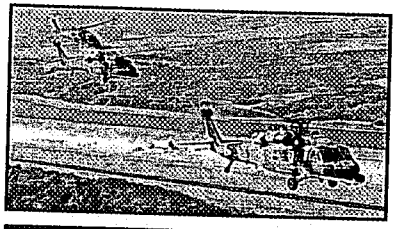
GEOGRAPHICALLY SEPARATED UNITS

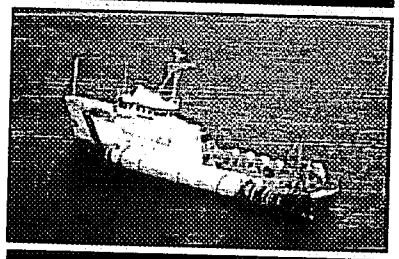
- We support 54 units (from several commands) geographically dispersed throughout Florida, the US, and several foreign countries

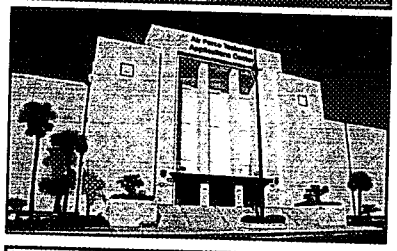
UNCLASSIFIED

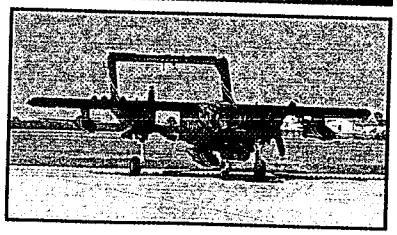
DCN:11673

Mission Partners









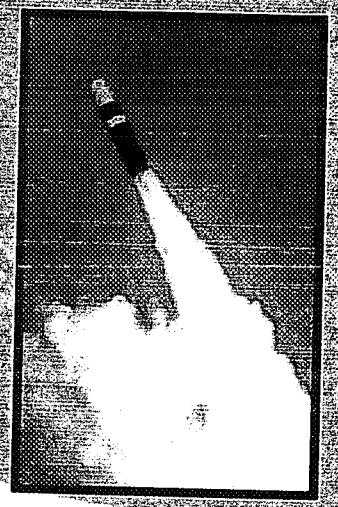
1,600 + People

1,100 + Military, 500 + Civilians

- Air Combat Cmd Prog Mgmt Sq
- Aerospace Fuels Lab
- AF Material Cmd Eng Ed Ctr
- AF Audit Agency
- AF Labor Affairs Office
- AF Off of Sp Invest, Det 802
- AF Test and Eval Ctr
- 920th Rescue Wing
- AF Tech Apps Center
- Red Cross
- Army Corps of Engineers
- Civil Air Patrol
- Def Automated Printing Svs
- Def Commissary Agency
- Def Equal Opp Mgt Institute
- Def Reutilization/Market Off
- Dept of State
- Det. 1, 2nd Space Ops Sq
- Fed Aviation Admin
- FBM Ops Test Spt Unit 2
- J-STARS Joint Test Force
- Military Sealift Cmd Office
- NASA – Kennedy Space Ctr
- Naval Ordnance Test Unit
- Nat Geo-Spatial Agency
- USAF Area Def Counsel
- 2d Brigade, 87th Division
- 17th Test Sq, Det 3
- 23rd Intelligence Sq
- 114th Combat Comm Sq FLANG
- 333rd Recruiting Sq
- 602nd Training Spt Sq
- 605th Test Sq, Det. 2
- 766th Explosive Ordnance Disp
- 1304th Major Port Cmd

Mission Partners

Naval Ordnance Test Unit



- Support / testing of sea-based weapon systems in a safe environment
- Trident submarine launched ballistic missiles
- Test and evaluation operations

NASA

- Shuttle solid rocket booster recovery ships

UNCLASSIFIED

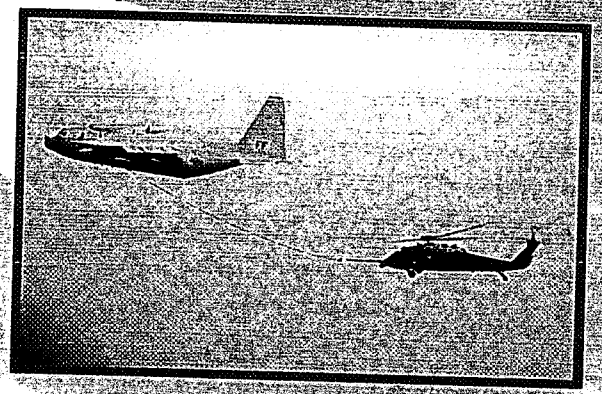
DCN:11673

Mission Partners

920th Rescue Wing

"That others may live"

- Supports worldwide combat rescue operations, NASA's space shuttle program, and 45th Space Wing's range clearing

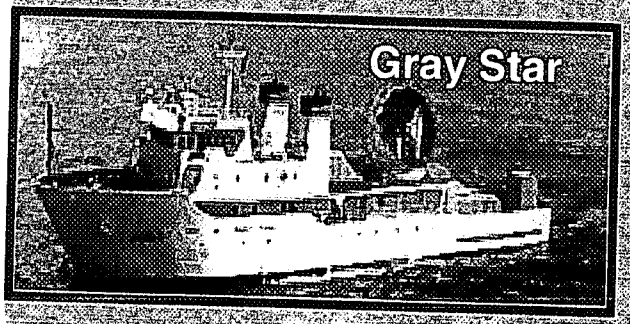


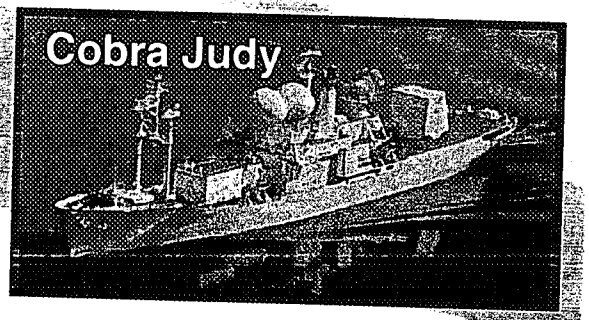
- Six HC-130P/N Hercules
- Fifteen HH-60G Pave Hawk helicopters
- 1,250 personnel assigned to 3 groups,
- 6 squadrons, 3 flights, headquarters section, 2 geographically separated units (Arizona & Oregon)

DCN:11673

Mission Partners

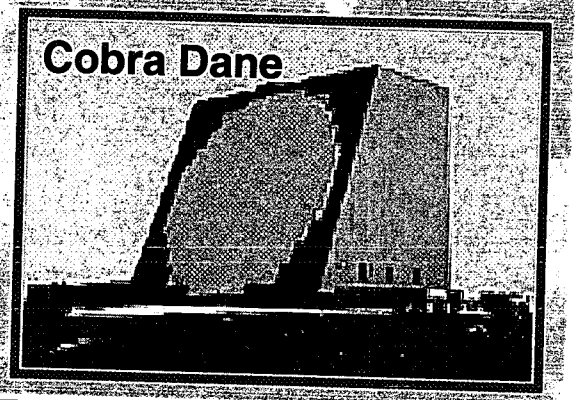
Air Force Technical Application Center





- Conducts worldwide treaty verification
- Over 700 active duty, civilians and contractors
- Numerous Worldwide locations

- Airborne
- Land based
- Sea based

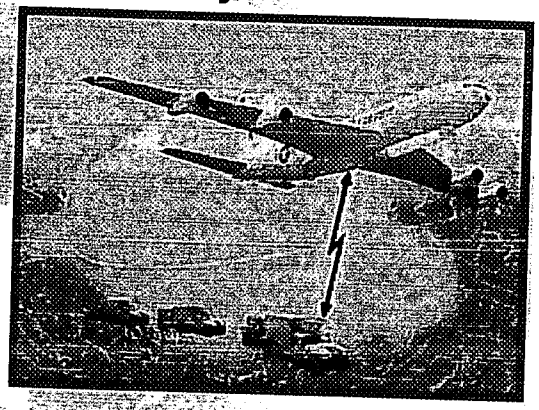


UNCLASSIFIED

DCN:11673

Mission Partners

J-STARS
Joint Surveillance Targeting Attack Radar System



- Field activity of Air Force Materiel Command's Electronic System Center Joint-STARS Systems Program Office
- 110 Air Force, Army and contractor personnel
- Development and operational testing of the airborne and ground segments of the system

UNCLASSIFIED

DCN:11673

Mission Partners

Defense Equal Opportunity Management Institute

- 100+ person staff & faculty
- Trains ALL Equal Opportunity/Equal Employment Opportunity advisors in DoD
- Trains more than 4,500 students each year
- Provides mobile training for fleet & ground forces worldwide
- Advises other federal departments & agencies, as well as state and local governments & private sector organizations

UNCLASSIFIED

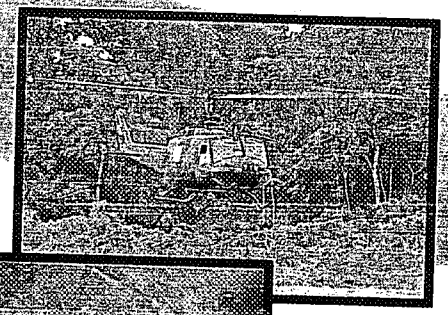
DCN:11673

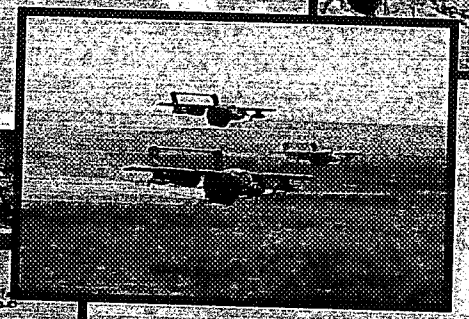
Mission Partners

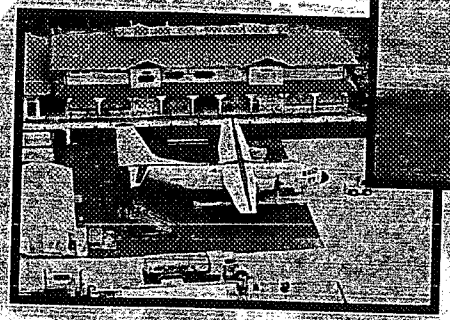
U.S. DEPT OF STATE AIR WING

- Mission: Curtail the supply of drugs from foreign sources to the US through aerial eradication of drug crops and interdiction of trafficking activities; support and institutionalize these capabilities in the host government

- About 175-person logistical support, depot-level maintenance, and training center







Aircraft:
3 OV-10D
1 C-27
1 UH-1N
1 UH-1H
1 C-208

DCN:11673

Mission Partners

2d Brigade, 87th Division

- Provides training & support to Army National Guard & Reserve units in Florida, Puerto Rico and U.S. Virgin Islands

- Provides DoD assistance to coordinate military support to civilian authorities during federal disaster response operations

CIVIL AIR PATROL

- Disaster relief, including transporting blood or live tissue & conducting aerial damage assessments

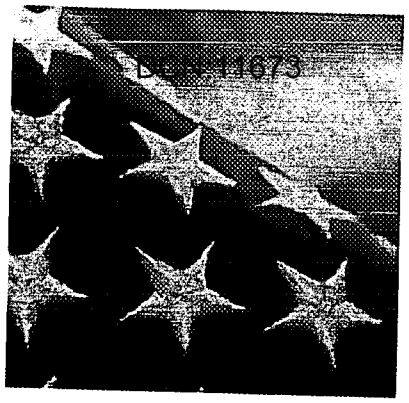
- Search & Rescue Operations (95% of all federal inland SAR missions)

UNCLASSIFIED

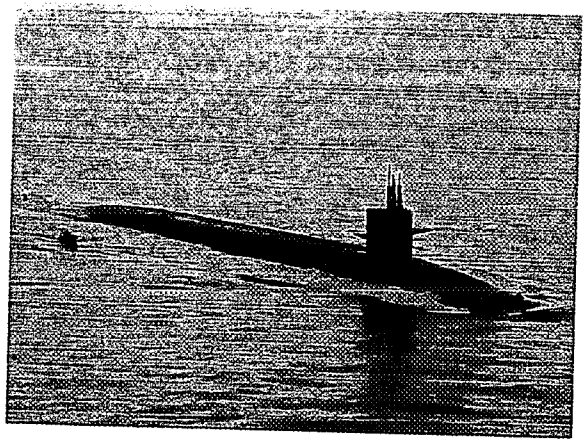
DCN:11673

Questions?

DCN:1.1673

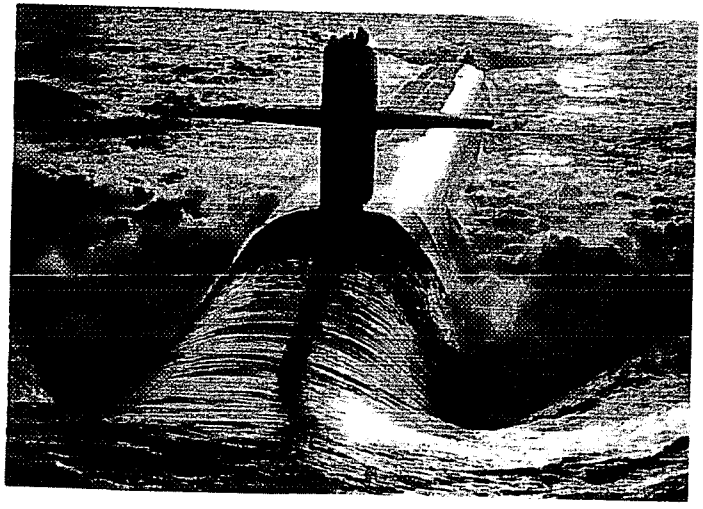


STRATEGIC SYSTEMS PROGRAMS

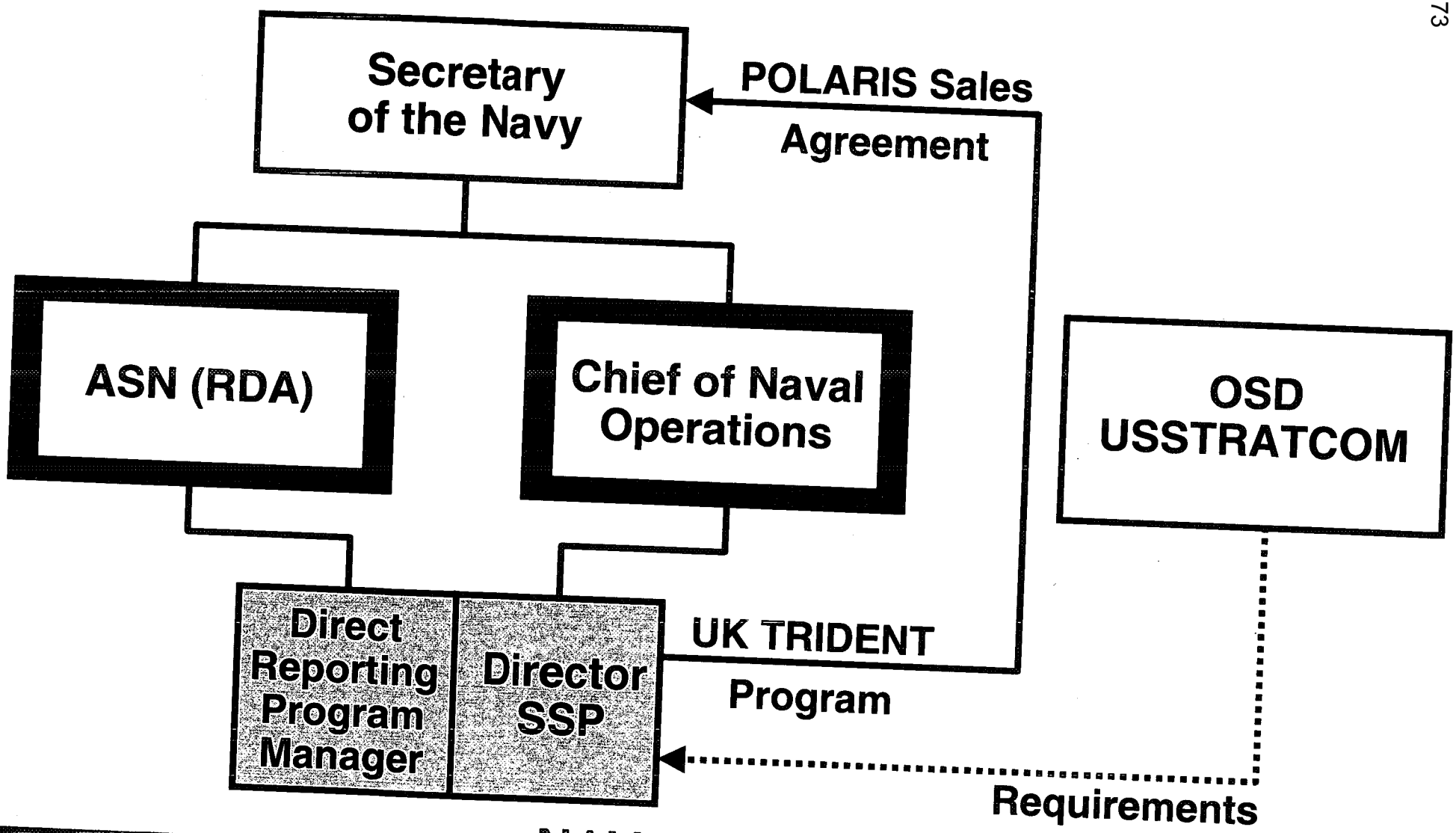


Mr. Jim Howard

Director, Plans & Programs Division



SSP ORGANIZATIONAL RELATIONSHIPS



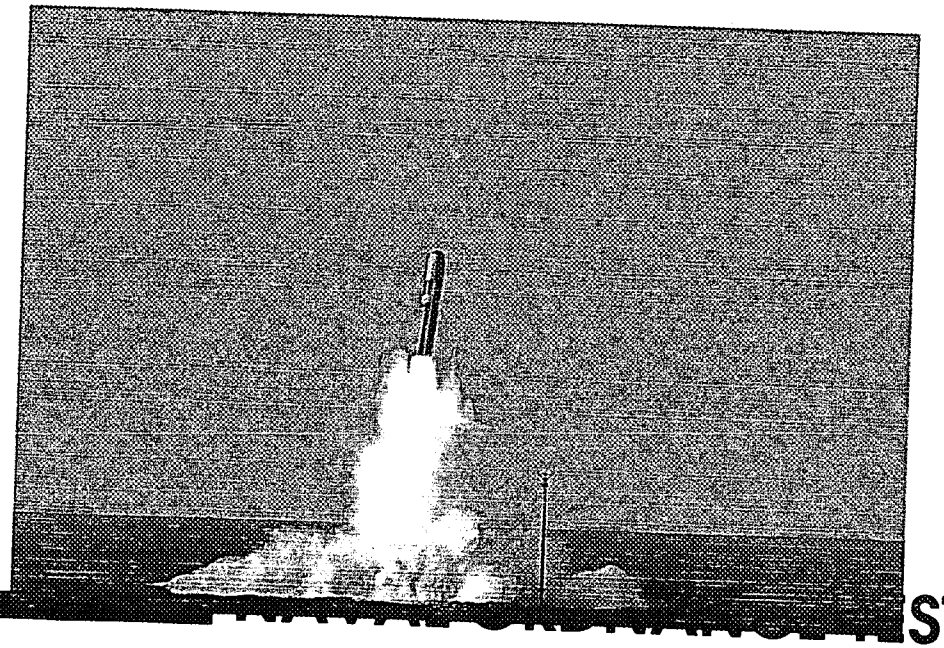
NAVAL ORDNANCE TEST UNIT

DCN: 11673

The SSP Mission

DCN: 11673

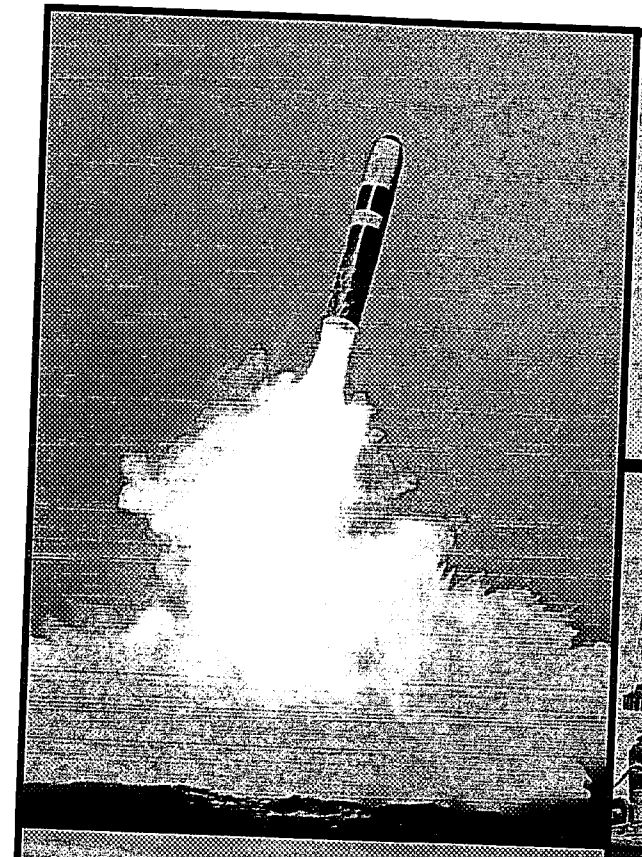
"The Strategic Systems Program Team is dedicated to serving our nation by providing credible and affordable sea-based deterrent missile systems."



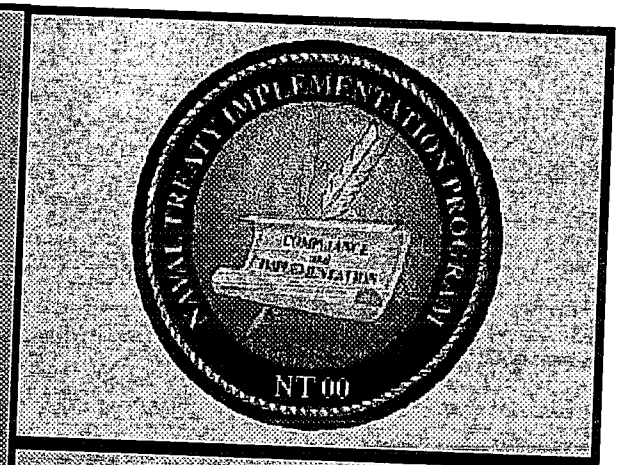
ST UNIT

SSP's Business Lines

DCN 11673

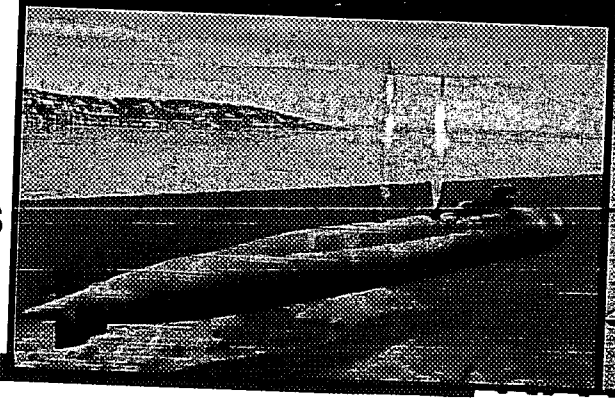


Fleet Ballistic Missile Systems

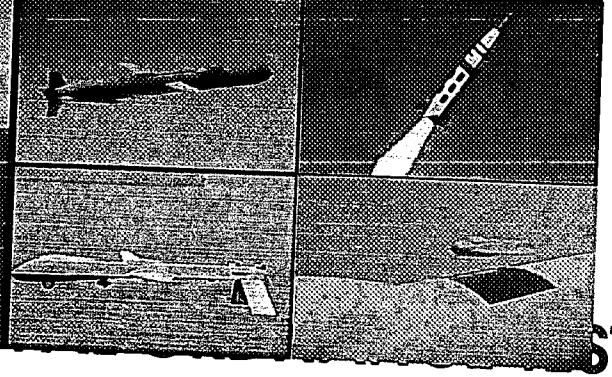


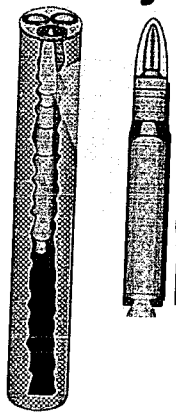
Naval Treaty Implementation Program

Nuclear Weapons Security



SSGN Attack Weapons System



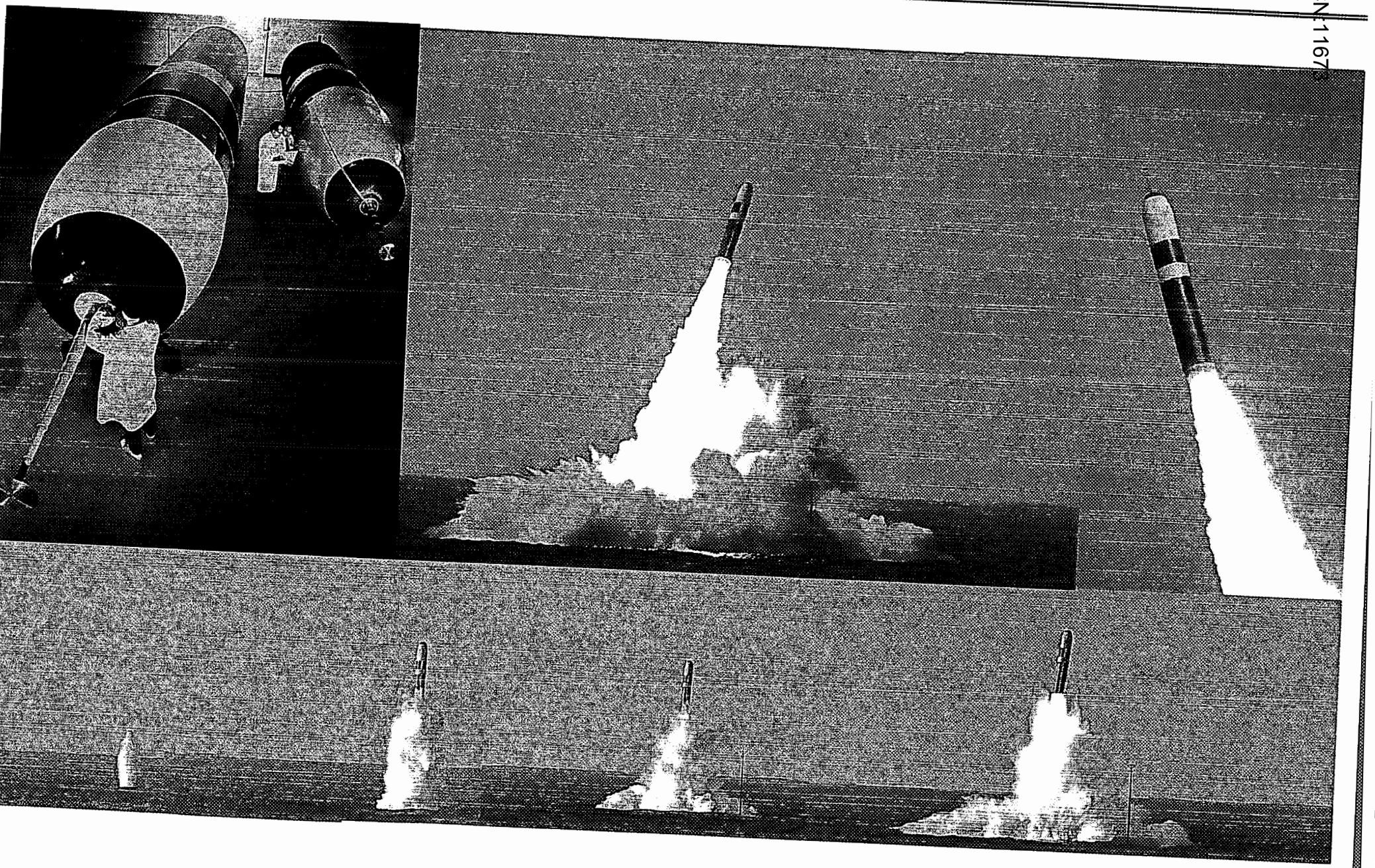


Emerging Missions

Payloads Integrator

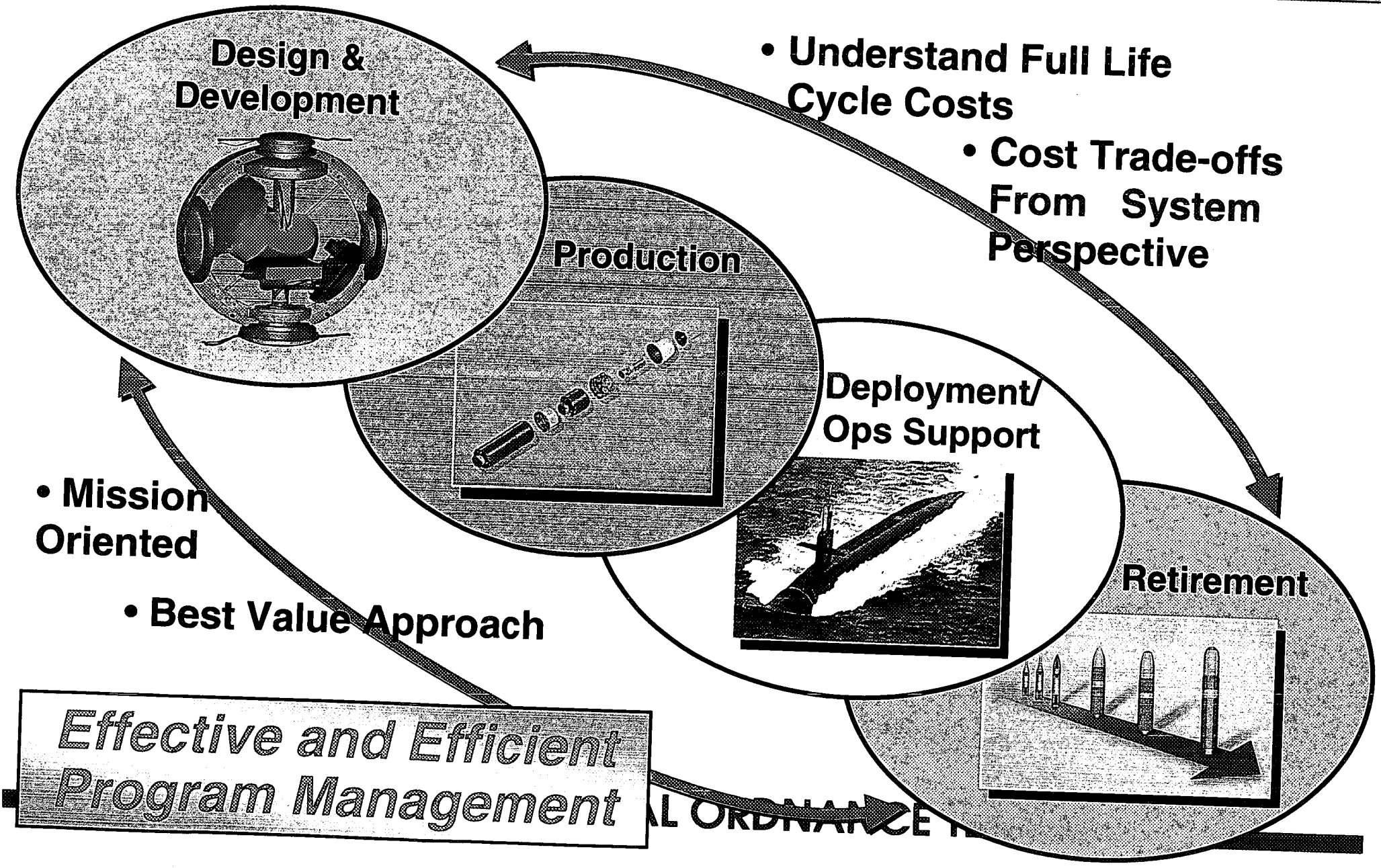
SSP UNIT

OUR CORE BUSINESS



DCN 11673

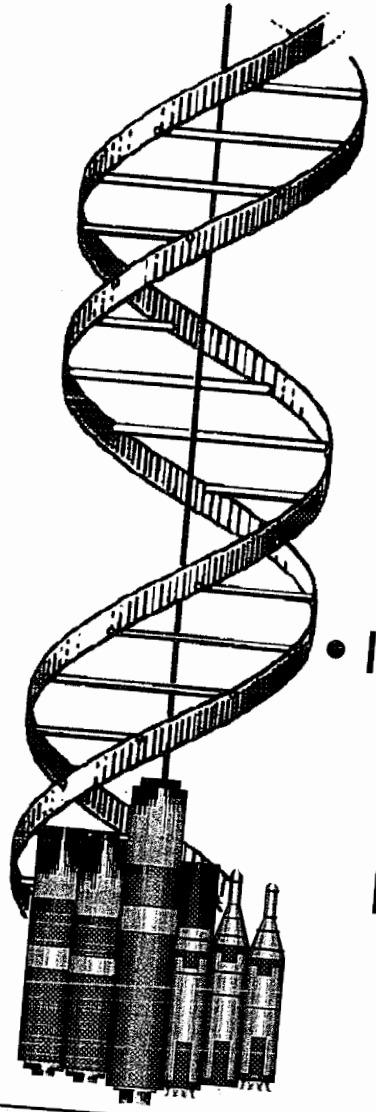
Cradle-to-Grave Responsibility



Effective and Efficient Program Management

Unique Government & Industry Partn

- Lockheed Martin
- NSWC Crane
- Charles Stark Draper Labs
- BAE Systems
- Johns Hopkins University Applied Physics Laboratory
- Northrop Grumman
- Dept of Energy
- Boeing



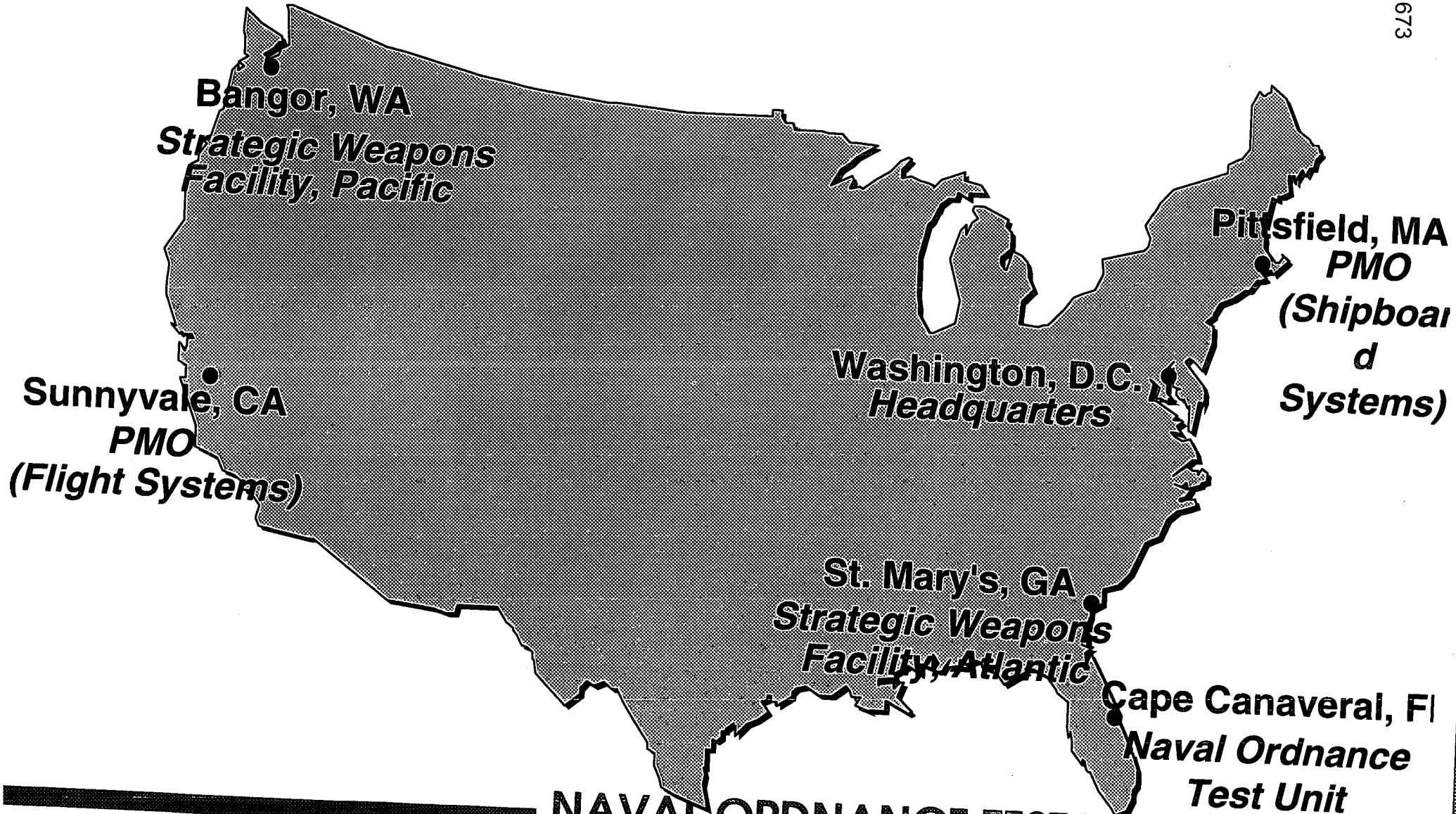
- Los Alamos National Laboratory
- General Dynamics
- Electric Boat
- NSWC Dahlgren
- Sandia National Laboratory
- Interstate Electronics Corp / L-3 Communications
- Lawrence Livermore National Laboratory
- ATK Thiokol

Long Term Relationship

NIT

DCN: 11673

SSP Commands



NAVAL ORDNANCE TEST UNIT

DCN 11673

DCN:11673

Community Input

ECONOMIC DEVELOPMENT COMMISSION
Of Florida's Space Coast

June 7, 2005

The Honorable Anthony Principi, Chairman
2005 Defense Base Closure and Realignment Commission
2521 South Clark Street
Suite 600
Arlington, VA 22202

Dear Mr. Principi:

The BRAC 2005 recommendations released by the Department of Defense on May 13, 2005 reaffirm the significant importance of the military bases located in Brevard County and their long recognized contributions to National Defense and the Nation's Space Program. Their support of the nation's Joint Warfighters continues a long and proud history of commitment to insuring American superiority for the future. While none of our bases were targeted for closure, the realignment recommendation affecting the Naval Ordnance Test Unit (NOTU) at Cape Canaveral Air Station appears to have missed significant factors that run counter to the Department's emphasis on transformation, joint basing, and efficiencies that can drive true cost-savings.

We appreciate the opportunity to present the attached reclama to DoD's realignment recommendations for your consideration. We believe these factors are worthy of the Commission's evaluation as you work to produce highest military value in facility posture for the future, while enhancing the probability of mission success and producing true savings for the American taxpayer.

Sincerely,

Lynda L. Weatherman, President & CEO
Economic Development Commission
of Florida's Space Coast

Mr. Randall Harris, Chairman
Space Coast Defense Alliance

597 Haverty Court, Suite 100 * Rockledge, Florida 32955
Phone: 321-638-2000 * 800-535-0203 * Fax: 321-633-4200
www.SpaceCoastEDC.org

DCN:11673

REALIGNMENT OF NAVAL ORDNANCE TEST UNIT FROM CAPE CANAVERAL, FLORIDA TO KINGS BAY SUB BASE, GEORGIA

BRAC RECOMMENDATION:

Realign Nuclear Test and Evaluation at the Naval Ordnance Test Unit (NOTU) to Strategic Weapons Facility Atlantic, Kings Bay, Georgia.

BACKGROUND:

Most recent analysis reveals a number of operational and support anomalies that may not have been previously considered in the recommendation to realign NOTU to Kings Bay, GA to gain synergy in Anti-Terrorism Force Protection (ATFP), Fleet operational support and operational support infrastructure.

NOTU was postured in its current location on Cape Canaveral Air Station to gain synergy from being physically, as well as organizationally, close to NASA, Air Force missile and range activities, and from its close proximity to deep water access of the Eastern Test Range. The current arrangement produces significant savings through cost sharing arrangements with NASA and the Air Force in support of the Navy's Fleet Ballistic Missile TRIDENT (D-Series) Missile test launch program. Initial COBRA analysis indicated savings could be generated by realigning this test activity from its 'stand alone' site, where it has significant synergy with NASA and the 45th Space Wing, to an 'operational' site. Closer analysis indicates that from a military value perspective, the SSBN test mission will be degraded; the relocation will prove more costly in onetime costs and mission operations costs; ATFP will be less effective than at the current site; and infrastructure at Kings Bay and within the community is not sufficient to support proposed force movement into that site.

If relocated to Kings Bay, NOTU military operations will be degraded and significantly more costly due to the vast increase in transit time from pier to test sites on the Eastern Range Complex, and loss of synergism with test/range safety personnel resident at Patrick AFB/Cape Canaveral AS:

- Operations from Kings Bay will require a 5-hour drive to deep water submerge point compared to the current 2-hour drive
- Transit to nearest test site from Kings Bay is 170 nautical miles further
- These two factors combined increase a single mission's duration by 22-26 hours—a costly waste of submarine hours that reduces fleet availability for worldwide contingency operations
- NOTU personnel lose day-to-day coordination with mission critical test/safety personnel resident in the Patrick/Canaveral/KSC complex.
- NOTU leadership loses the Joint Force interaction with the 45th Space Wing, and with NASA as well.

The SSBN mission is one of the least understood of all military missions. For example, the Demonstration and Shakedown Operation (DASO) mission is crucial to conveying requirements, complexities, and nuances to key decision makers, appropriators, and U.S. allies.

- Doubling transit time to test firing sites will make the DASO mission extremely difficult, if not totally non-feasible.
- Makes recovery to pier side for missile adjustment, injured personnel offload, or system emergency hazardous due to significant increase in transit time.

The Anti-Terrorism Force Protection (AETP) considerations are crucial to operations worldwide, to include those that stage from Homeland portage. While to some it may seem a benign environment, the test mission from Kings Bay will be subjected to significantly greater threat potential than in its current location.

- Transit to dive point at Kings Bay requires 2 ½ hour drive down a river where terrorist or saboteurs have greater opportunity to attack an unprotected submarine with a 75-foot test support mast mounted.
- Current operations emanate from a closed military base with a 15-minute drive to open water; landscape is open, providing little cover for terrorist operations.

The projected infrastructure availability at Kings Bay to support NOTU appears to have been developed without consideration of other moves into the site. Required additional construction could drive COBRA Return on Investment (ROI) beyond the normally accepted seven-year payback standard used by previous BRAC Commissions. The necessity to build new infrastructure for NOTU as well as the other missions proposed for realignment into Kings Bay has the potential to create adverse environmental impacts. Similarly, the lack of sufficient housing, infrastructure, and community support facilities in the Kings Bay locale will create an untenable situation for military personnel, civilian employees of the Government and the heavy contractor support base. It appears that this BRAC recommendation did not take into account the numbers of personnel realigning to the region based on other BRAC recommendations.

- Population of Kings Bay will double with realignment of submarines/personnel from Naval Submarine Base New London.
- Cost of move increases by factor of 2-3 times due to new construction costs.
- Cost of moving some 320 civilian contractors was not factored into COBRA summary costs.
- Potential environmental impacts involve Wetlands, Water Resources, Threatened & Endangered Species/Crucial Habitat, Marine Mammals/Resources/Sanctuaries, Land use constraints.
- Local area is relatively rural to small community environment with little capacity to support a large influx of personnel and families.

DCN:11673

REALIGNMENT OF NAVAL ORDNANCE TEST UNIT FROM
CAPE CANAVERAL, FLORIDA TO KINGS BAY SUB BASE, GEORGIA

SUMMARY:

Relocating the Naval Ordnance Test Unit (NOTU) from Cape Canaveral Air Station will:

- Degrade test mission accomplishment due to significantly greater transit distance to test sites in the Eastern Range.
- Increase operating hours on critical National submarine assets while actually increasing vulnerability to terrorist attack in a long, surface transit down a river to open water.
- Increase mission costs and create a situation of inadequate infrastructure to support the NOTU mission and personnel in the local Kings Bay area.
- Create a potentially dangerous situation since NOTU will not be communicating as closely or a frequently with the 45th Space Wing and NASA on range safety and test issues and requirements.

Preliminary analysis indicates that NOTU should remain at Cape Canaveral Air Station where synergies and operational effectiveness currently exist in to support critical test mission accomplishment.

DCN:11673

NOTU White Paper
Rec'd 6/6/05

Action 1: Close all Navy operations supporting Strategic Systems Programs at the Eastern Test Range at Cape Canaveral, FL, including NOTU, SPF(C), and OTSU TWO.

Action 2: Relocate functions to Strategic Weapons Facility, Atlantic (SWFLANT), Kings Bay, GA.

Action 3: Relocate USNS Waters to Naval Submarine Base Kings Bay, Naval Station Mayport, or a commercial port in the southeastern U.S. *(Note: USNS Waters is a MSC asset homeported at NOTU that supports SSP)*

Source: Office of the Director, Defense Laboratory Management, ODUSD (Labs)

Naval activities at Cape Canaveral (i.e. Naval Ordnance Test Unit) support testing sea-based weapon systems and presently comprise the Strategic Systems Program's (SSP) support center for strategic weapons system testing and assigned missile support.

In 1956, Cape Canaveral became the site for all test firings of the Fleet Ballistic Missile (FBM) Program, launching first from land and then from submerged submarines a continuous series of Polaris, Poseidon, and Trident missiles. Several recent decisions and changes in the execution of the TRIDENT (D-5) Program warrant consideration as to the continued Navy presence at Cape Canaveral and potential realignment of existing Navy functions supporting the eastern test range and strategic systems programs (e.g. NOTU, SPF(C), OTSU TWO, PSD Atlantic) to other activities such as Kings Bay. The decisions and changes in program direction leading to this potential action include:

- SSP, with Fleet concurrence, has made the decision to no longer do pad launches at Cape Canaveral, which is one of its primary missions.
- Fleet has decided to cease making port visits to Cape Canaveral based upon cost as well as the NOTU port facility's inability to meet requirements recently promulgated by DoDD S-5210.41-M.
- SSP made a programmatic decision to shift some missile testing capability (LCTMK) from NOTU to Strategic Weapons Facility, Atlantic (SWFLANT) in Kings Bay, GA.
- SSP is looking into the potential privatization of In-Tube Conversion work presently done by NOTU.
- Realignment of SSBNs to the west coast and stand-up of the Western Test Range in the Pacific results in a significant reduction in future use of the Eastern Test Range, which can be utilized in the same manner as the western range (e.g. no permanent presence on-site).

These factors when taken together do not require SSP facilities to be located at Cape Canaveral. There are some unique functions that are performed but those functions could be relocated to SWFLANT with minimal impact to the Navy's Strategic Weapons System yet the long-term benefits of consolidation. Data related to the number of personnel and specialized facilities that would need to be relocated is attached.

INFORMATION REQUIRED FOR BRAC SCENARIO DEVELOPMENT

Basic Assumptions:

a) Navy Eastern Range operations move to Strategic Weapons Facility Atlantic (SWFLANT), Kings Bay Georgia.
b) New facilities available at SWFLANT in FY10.
c) NOTU command structure merges with SWFLANT structure, rather than operating as a separate tenant of SUB Base Kings Bay.

1) Number of positions/billets to be relocated.

Total to be relocated include: 16 Naval officers, 121 naval enlisted, 42 Federal civil service positions and 167 contractor positions. Move dates would be dependent on the establishment of replacement facilities. Approximately 20 military enlisted currently occupy family housing provided via the Air Force. This constitutes a reduction of 4 military officer, 19 enlisted, 15 Civil Service and 60 contractor personnel from current levels at Eastern Range.

2) Military Construction and Family Housing Construction Cost Avoidance (dollars by estimated year will be needed).

There is a FY08 project to expand Complex 30 for $3.0M to support Trident II Life Extension testing. There is also a requirement for $14.5M for a NOTU Administrative building for FY09. There are no family housing projects.

3) Construction Requirements (i.e. what needs to be relocated)

a) Costs for Complex 30/Veta and cable shop relocation $11.3M
b) Cost for relocation Test Instrumentation repair facility $1.5M
c) Cost for relocation associated with USNS Waters for Services $750K

4) Tons of equipment and numbers of vehicles to be relocated.

There are 38 GSA vehicles that would need to be relocated. Initial estimate it that 2000 to 2500 tons of material would require relocation.

5) Square footage (SF) of facility to be shut down.

There is approximately 330,000 SF of administrative/ industrial building space and an additional 85,000 SF of storage buildings utilized within by the Navy. In addition, there are significant facilities besides the buildings including the Trident and Poseidon Wharfs and Launch complex 46. The wharf capability in particular requires significant SRM costs for maintenance and dredging that would not be reflected in a calculation only based on square footage.

6)Unique costs/savings associated with mission, moving, construction on a one-time or recurring basis.

a) Unique costs:
Above the costs of actual transportation of material to SWFLANT and construction costs at SWFLANT and assuming activation of new capability in FY10, capability requalification costs of:

a) $2M for complex 30/VETA and cable ship relocation in FY10 for missile testing requalification
b) GTB (guidance test facility) requalification costs of $1.5M in FY10
c) Test Instrumentation requalification costs of $500K in FY10.

b) Savings:

Annual savings of approximately $1.4M result from the elimination of special security support at NOTU provided by others, commencing FY 10.

Annual savings of approximately $4M/year in LMMS provided contractor support for operations, commencing in FY 10.

Annual savings of the Sustainment, Restoration, and Modernization (SRM) resources provided to NOTU for the facilities utilized by the Navy at Cape Canaveral.

7) Enclave Requirements (if required).

None identified.

8) Environmental impacts (if any).

None identified at this time

9) Additional community impact.

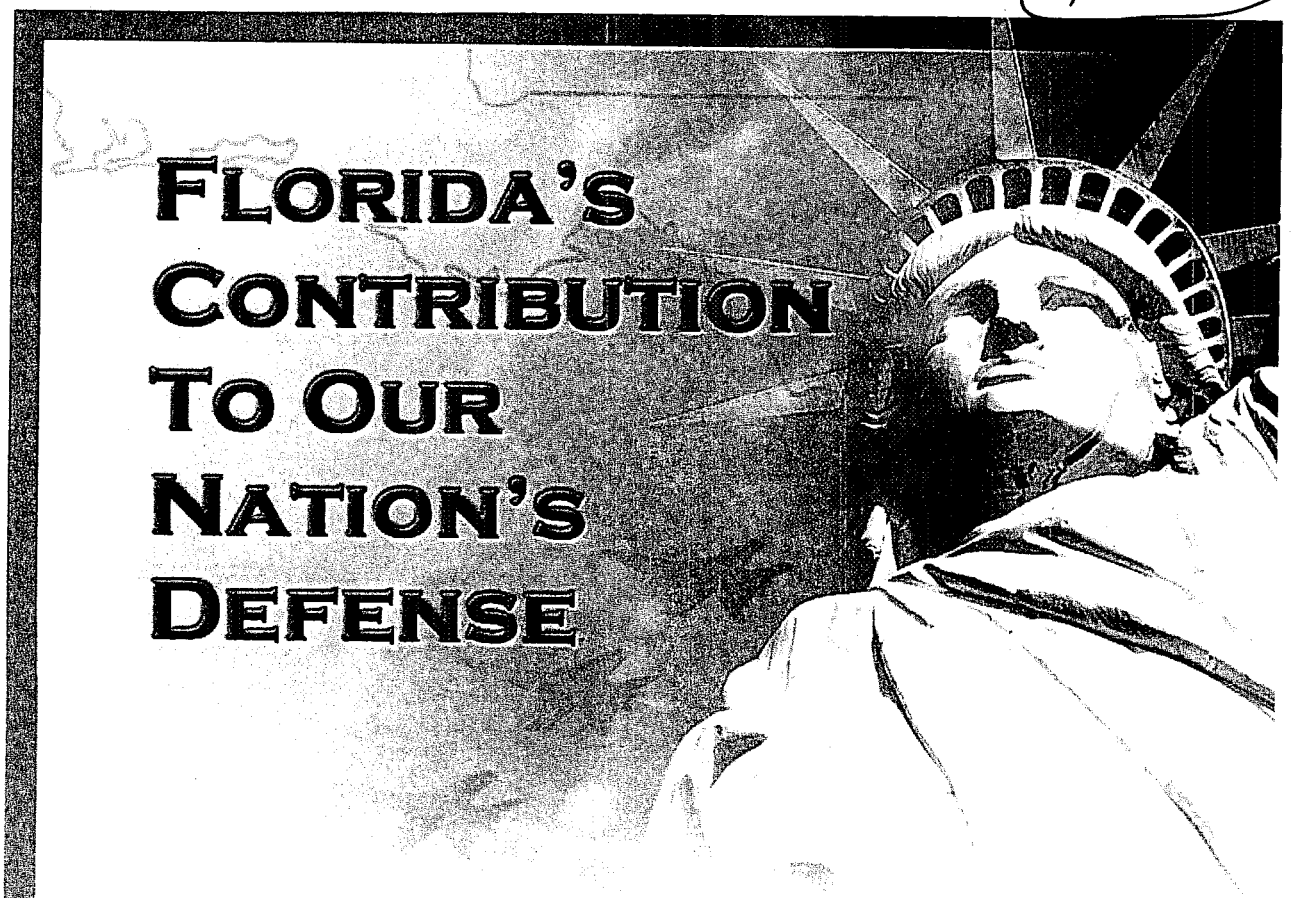
The move to SWFLANT will partially offset the loss of personnel associated with the already accomplished transfer of some of the Atlantic SSBNs.

10) Alternative Receivers.

No alternative site recommended. SWFPAC implementation costs would be substantially higher due to lack of appropriate existing buildings, which would necessitate a significantly larger initial investment. Alternate east coast sites may be acceptable for the USNS Waters home port.

DCN:11673

NOTU
CAPECANAVERAL
TECH-12



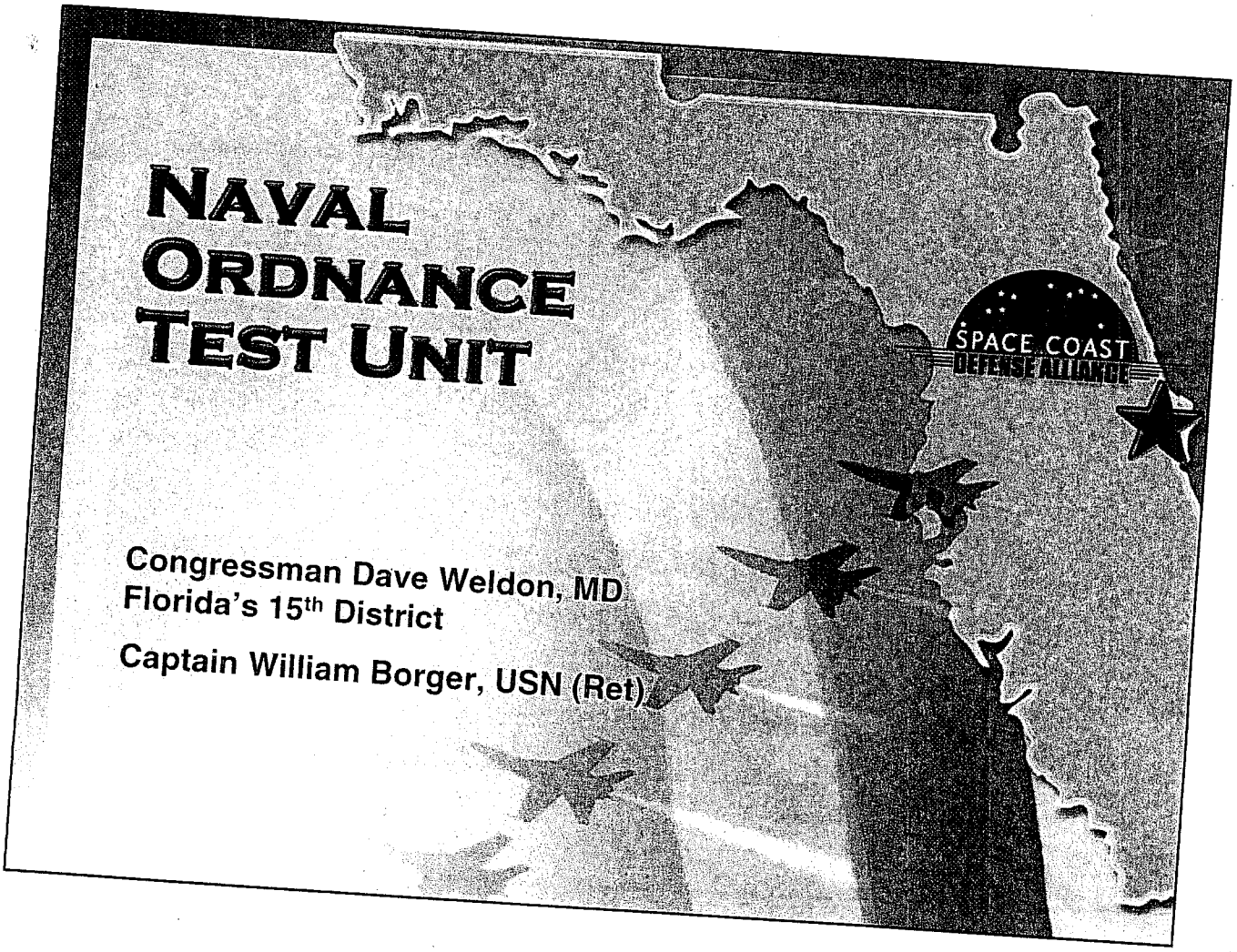
Federal BRAC Commission

Florida Briefing

New Orleans, LA

July 2005

DCN:11673

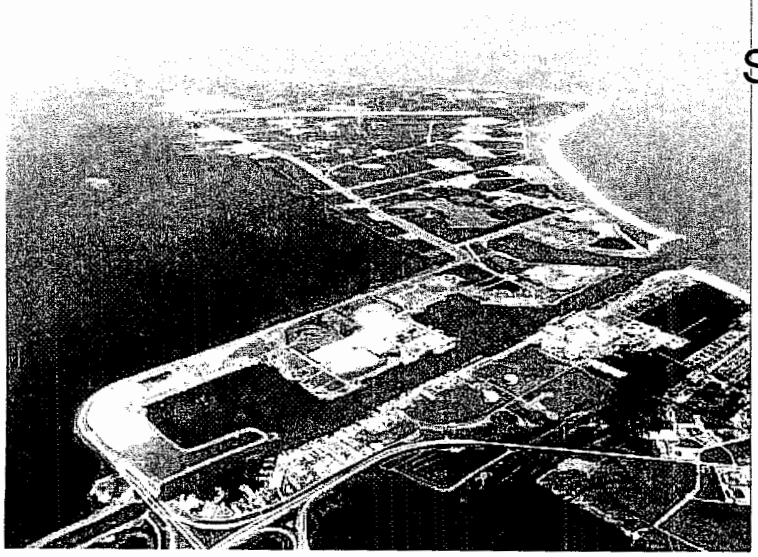

NAVAL
ORDNANCE
TEST UNIT
SPACE COAST
DEFENSE ALLIANCE
Congressman Dave Weldon, MD
Florida's 15th District
Captain William Borger, USN (Ret)

DCN:11673

Navy analogs - "keep and grow" NOTU

Naval Ordnance Test Unit (NOTU)

Collocated on Cape Canaveral Air Force Station, Florida (CCAFS)

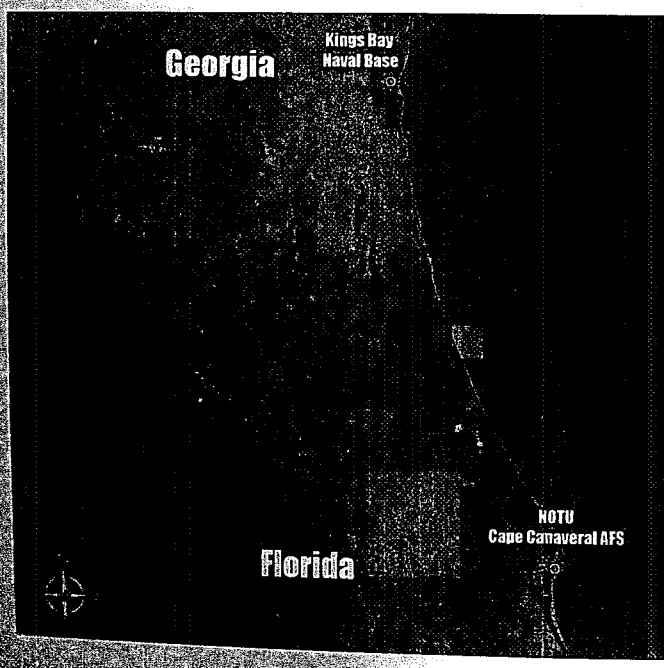


MISSION

Support missile tests, deployed systems, surface and submarine operations at CCAFS and other major range and test facilities base activities.

Naval Ordnance Test Unit (NOTU)

Collocated on Cape Canaveral Air Force Station, Florida (CCAFS)



Military Value – Degraded Mission

- Transit time increased
- Mission conflicts
- Synergy compromised
- Jointness degraded

Naval Ordnance Test Unit (NOTU)

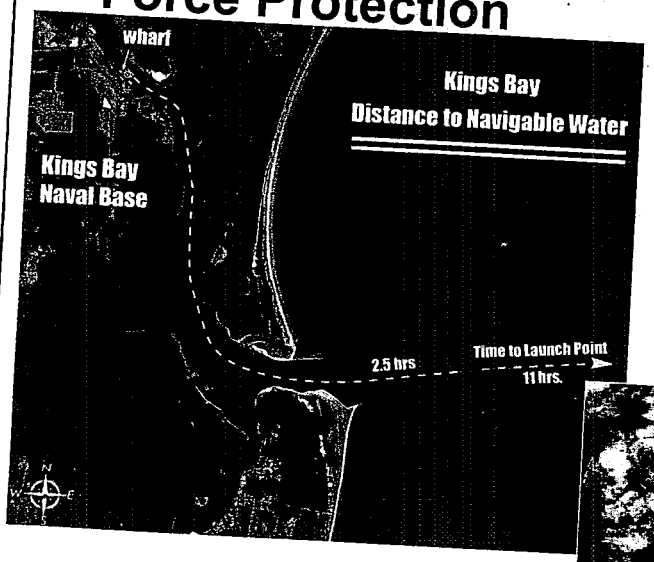
Collocated on Cape Canaveral Air Force Station, Florida (CCAFS)

- Criteria to realign NOTU to Kings Bay
  - Gain synergy in Fleet operational support, Anti-Terrorism Force Protection and Operational support structure

- NOTU operating effectively and efficiently today at CCAFS ... moving to Kings Bay decreases overall military value:
  - Extended temporary duty required for test coordination
  - Test mission must compete with strategic assets
  - Jointness with 45th Space Wing lost
  - Increases transit time to sites in Eastern Test Range
  - Increases test mission cost

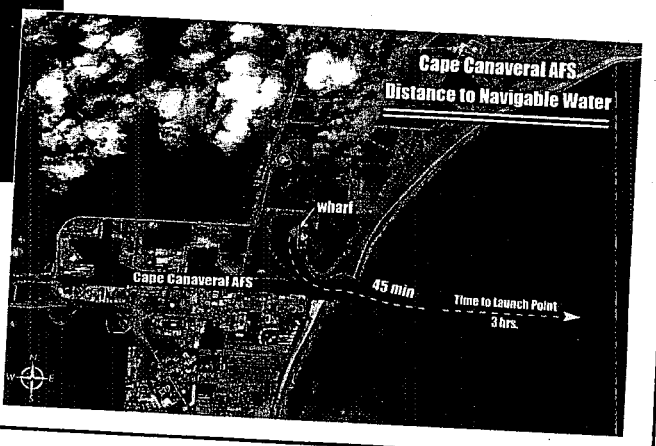
Realign? Why?

Military Value – Anti-Terrorism Force Protection



Moving to Kings Bay:

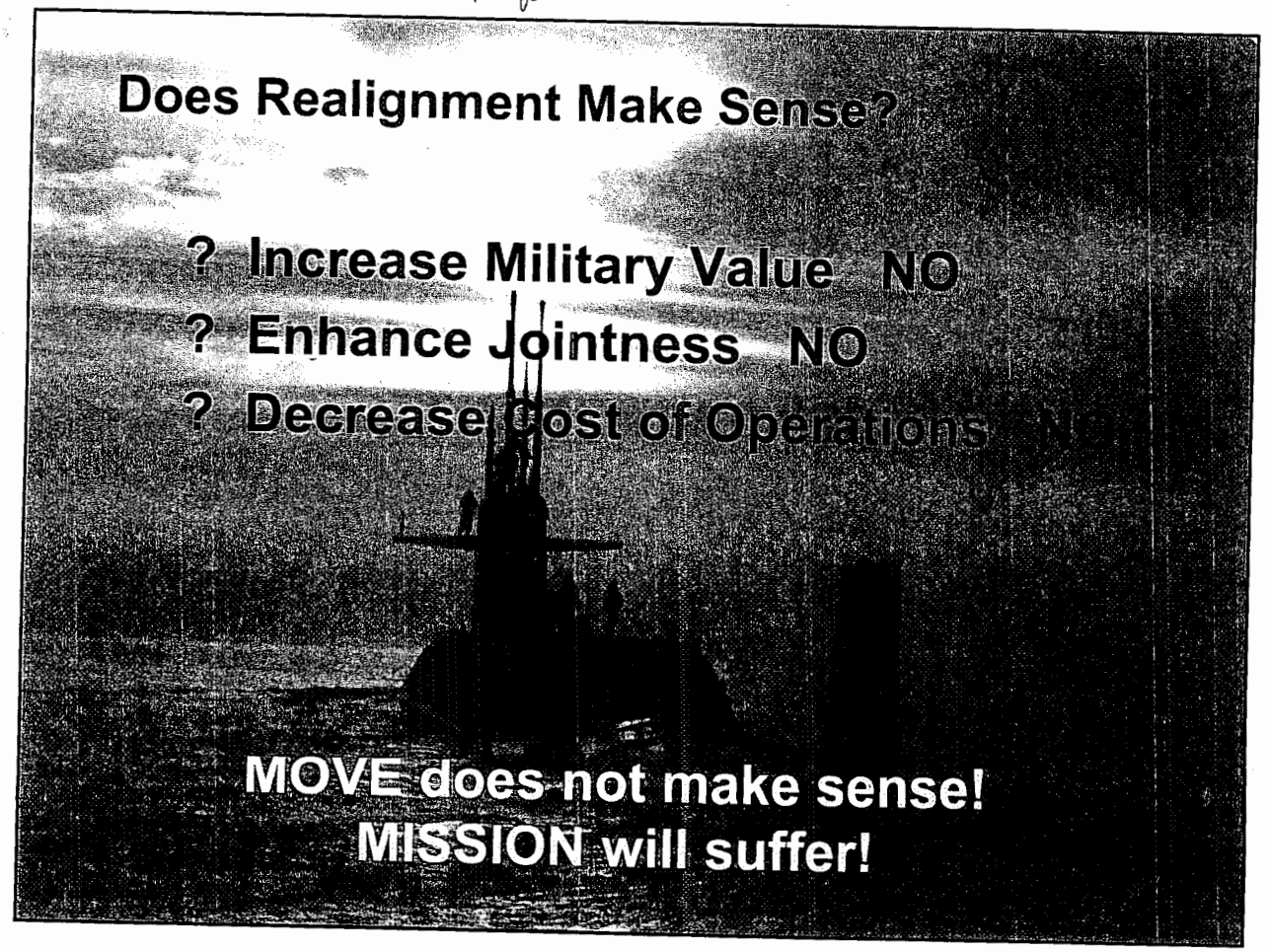
- Increases mission time 4x
- Increases mission cost



DCN:11673

# of launches per year
3 on East Coast
2-3 on West Coast

payback years goes from 10 to 7
where the savings?
add contractor personnel provide direct spt



Statement for the Record
Naval Ordnance Test Unit (NOTU), Cape Canaveral Air Force Station

By Captain Bill Borger, USN (Ret)

OPENING STATEMENT

Mr. Chairman/ Members of the Commission, we thank you for this opportunity to provide you our reasoned perspective on the Secretary of Defense's (SECDEF's) recommendation to realign the Naval Ordnance Test Unit (NOTU) to Kings Bay, Georgia. I have submitted my full statement for the record and would like to summarize it for you here today.

I am Captain Bill Borger, USN (Ret), a former commanding officer of the Naval Ordnance Test Unit. I am pleased to speak to you today on behalf of, and as a member of, the Space Coast community. Let me begin by noting that we stand united as a community that strongly supports the nation's war fighters, as we do the SECDEF's effort to transform our national defense establishment into an efficient, effective force shaped to meet the challenges of a dynamic world environment.

While we strongly support the Department's efforts, our analysis indicates oversights have occurred in the proposed realignment of NOTU to Kings Bay. I want to highlight some of these oversights that reflect deviation from the Department of Defense's (DoD's) own criteria. We believe these deviations produced a flawed recommendation that actually reduces military value, degrades Anti-terrorism Force Protection (ATFP), and eliminates Jointness.

First, as you will note on this slide NOTU is not a "stand alone" activity as characterized in the DoD report. It is a true test organization supporting US Naval war fighter requirements, operating from Cape Canaveral Air Force Station in **close, joint cooperation with its Air Force host**, the 45th Space Wing. Its test mission is interwoven with the Air Force's test, safety, and command and control of the Eastern Test Range which overlays the Atlantic Ocean. The port facility it utilizes is one of only three capable of accommodating TRIDENT submarines on the East Coast. The second oversight I would call to your attention is the number of direct mission support personnel impacted by the proposed realignment--a number in excess of **750** (757), some **532** of which are contractor members of the team, not the **195** reflected in the SECDEF's report. I'll expand on these points momentarily.

The rationale supporting the Department's proposal to "realign" NOTU's Test and Evaluation mission to Kings Bay is based on increased military value. This "Military value" appears to center on Anti-Terrorism Force Protection (ATFP), and synergy gained from combining a test mission with a strategic mission. The rationale appears to assume that these missions can be combined to take advantage of support elements, and that critical missile and flight test expertise resident on the Cape can be found in rural Georgia.

The real questions are, "To what degree, if at all, is military value increased? Is force protection enhanced? Will effectiveness be increased by the proposed move, or will the mission suffer, and at what cost?

It is our best judgment that the Commission will find that the mission would suffer; that force protection would not be increased; and that joint cooperation between the two Services essential to this mission's success would be diminished.

Today NOTU provides a full spectrum of submarine launched ballistic missile test and evaluation capabilities from testing of missile support equipment to ground based evaluation of guidance system and flight test hardware to full flight testing of tactical missiles. To uproot this operation at extensive costs in infrastructure, personnel relocations, contractor changes, and mission disruption, significant benefits should accrue in support of the SECDEF's goals of increasing military value and enhancing jointness to improve mission success.

Our analysis of the data supporting this realignment suggests none of these will be realized. In fact just the opposite. Review of the underlying rationale, basic geographic survey, and supporting data indicates that the mission itself will be degraded. Of equal importance, test missions will experience greater exposure to the potential of terrorist attack. The joint cooperation and cost sharing arrangement that is in place to support NOTU operations at Cape Canaveral Air Force Station today will also be lost along with the synergistic benefits of NOTU personnel working on a day-to-day basis, face-to-face with Air Force personnel responsible for operations and missile safety on the Eastern Test Range.

NOTU's Test and Evaluation mission is completely distinct from the strategic mission supported at Submarine Base Kings Bay. To replicate the NOTU function there would require not only duplicating the physical infrastructure, but also moving hundreds of contractor personnel to execute the mission. Since NOTU is a tenant today, nearly all supply and administrative support personnel perform functions in direct support of this mission. Additionally the labor force at NOTU consists of missile flight test engineers, a discipline unique to range facilities, and one not found in Kings Bay. Our statewide analysis shows that less than 30% of personnel are expected to relocate from Florida if a base were to close. Since a large number of jobs available to flight test engineers are located on the Space Coast of Florida due to the presence of NASA, the 45th Space Wing and numerous space industry contractors, this number is likely to be even lower.

If the Test and Evaluation mission were to move to Kings Bay, it would be in direct competition for resources with the strategic mission resulting in mission degrade. At NOTU, the Test Mission is the only priority, ensuring adequate resources are always available. This is especially significant during launch operations when delays impact range use by other organizations, such as NASA and the Air Force.

In addition to directly impacting mission accomplishment, consolidation would also decrease the required synergy between the test engineers at NOTU and the 45th Space Wing. Day-to-day cooperation is necessary since changes to range hardware and software impact ballistic missile testing, and modifications to missile hardware must be compatible with range equipment to ensure flight safety. Range testing operations occur throughout the year between launches, and require close coordination and planning. Additionally, mission planning for flight operation begins months in advance of the launch, and coordination is required to ensure all range safety criteria are met. Since the 45th Space Wing range safety organization supports launches from both East and West Coasts, this liaison is also important for West Coast launches.

The close cooperation between NOTU and the 45th Space Wing has resulted in an understanding and trust which, in my personal experience, has been critical to rapid problem solution to issues arising during a countdown. The ability to respond to unexpected events that occur close to launch time without delaying the launch is dependant on a professional and personal trust between the NOTU Commanding Officer and the 45th Space Wing Commander, which results only from 'face-to-face' interaction. The coordination can be done in a temporary duty mode, but would require extensive presence at Cape Canaveral – a requirement that is present in the current basing arrangement!

At the core of every test mission, safety considerations are given top priority. The relocation of Navy test and safety personnel to Kings Bay eliminates day-to-day coordination with their Air Force counterparts, and undermines interaction with expertise resident at the Cape. This coordination and interaction cannot be taken for granted; it is not a 'paperwork exercise.' Can that be accomplished in a 'separated mode?' Yes, test and safety personnel can go TDY back to the Cape Canaveral complex for extended periods and test preparations --- but at a cost. That cost represents both risk and man-hours wasted in travel and reestablishing rapport with their current day-to-day partners.

As we look at these two operating locations, one fact stands out very clearly. The port facility on the Cape enjoys immediate access to open water. Kings Bay is located on an inland waterway requiring lengthy surfaced transit to open water and the test launch point. This is a disadvantage that clearly reduces military value.

As we examine the element of Anti-Terrorism/Force Protection, it becomes apparent that the 2-1/2 hour surface transit time to reach open water from Kings Bay at the beginning and at the end of each mission provides significantly more exposure to terrorist attack than the comparable 45-minute transit from Port Canaveral. During these restricted maneuverability transits, the submarine is most vulnerable. As you can see from this aerial view, the channel from the wharf at King's Bay is much longer, and is very narrow, meaning once the submarine has entered restricted waters, it is committed; it has only one opportunity to turnaround at the halfway point, and requires tug assistance to do so. The short channel transit at Port Canaveral makes this a non-issue at NOTU. Having maneuvered the Trident Submarine, USS LOUISIANA in and out of each port numerous times, let me assure you that the transit at Port Canaveral is much more straightforward and significantly shorter.

For the most intense test missions, a 75-foot sensor mast must be mounted to the hull, requiring a surfaced only transit to the launch point, further exacerbating this vulnerability. The total surfaced transit time to the submarine launch point increases from approximately 3 hours in Port Canaveral to some 11 hours from Kings Bay.

Clearly, Anti-Terrorism/Force Protection is not enhanced by moving the NOTU mission to King's Bay.

DoD analysis and supporting data appear to have not included all infrastructure requirements for Kings Bay. Additionally, the Department failed to account for the movement of some contractor personnel essential to the day-to-day operation, training and preparation for submarine systems checks and test firing. **Three hundred fifty two (352)** of these contractors operate on a day-to-day basis with the uniformed and civilian employees of the government. One hundred eighty **(180)** personnel work offsite. The DOD analysis accounted for only

uniformed and civilian employees of the government. Contractor personnel will continue to be relied upon to accomplish the mission at Kings Bay; the cost of their movement would be passed on to the US Navy, and is not accounted for in BRAC pay back periods.

In summary, as we look at SECDEF's overarching goal of increased military value, we can only surmise that there were numerous factors not taken into consideration by the DoD in its evaluation and analysis.

Put simply " ***This realignment does not enhance the test mission.*** Safety takes a back seat; synergy of missile and test expertise is disregarded; and Anti-terrorism Force Protection is not enhanced. **Military value is not increased, it is decreased.**

Jointness is definitely not enhanced; it is diminished! Movement to Kings Bay will simply 'shoe horn' a Naval Test Unit into an operational unit in hopes of generating some benefit of concentrating Naval support functions on shore. Any potential for jointness is lost and the mission suffers.

Does the move decrease the cost of operation? Individual test mission costs are increased. More infrastructure than forecast is required to support this mission at Kings Bay and the Department overlooked costs associated with the movement of contractor personnel—costs which the contractors will pass on to the Department of Navy. will they move?

The Bottom-line: This realignment appears to be based on an unclear understanding of NOTU's Test and Evaluation mission! It violates the SECDEF's own criteria: it doesn't increase military value. It degrades Joint Service interaction. It does not increase Anti Terrorism Force Protection....and the Mission is degraded in the process. It plainly and simply, "Does Not Make Sense!"

We strongly support the DoD's efforts to transform our military establishment into a force capable of meeting the challenges of a changing world. We feel equally strong, however, that these oversights bear further review to ensure decisions affecting our war fighting forces are based on the accurate facts.

Mr. Chairman, we feel that the commission's reevaluation of the proposal to realign this critical test mission is most appropriate. It seems unwise to accept the risks of decreased military value that will undermine the future capability of our critical strategic submarine forces simply to have taken a realignment action in the guise of making it better. We implore the Commission to reassess this proposal and overturn the recommendation.

We sincerely thank you for this opportunity to highlight apparent discrepancies in the Department's recommendation. We look forward to an opportunity to meet with you and the staff in Washington to expand on this overview. Let me close by offering our service to the Commission in any way we may be of assistance.

COBRA Model Analysis
Naval Ordnance Test Unit,
Patrick Air Force Base, Cape Canaveral

I. Executive Summary

Secretary of Defense Rumsfeld provided the Base Realignment and Closure (BRAC) Commission the *Department of Defense Base Closure and Realignment Report* on May 13, 2005. The report contained recommendations to align the United States base force structure with the force structure that is expected to be needed over the next 20 years. The report recommendations focus on implementing Department of Defense (DoD) global force reposturing, facilitate the ongoing transformation of United States military forces to meet the challenges of the 21st Century and restructure important support functions to capitalize on advances in technology and business practices. The BRAC goals are to support United States military force transformation, address the new and emerging security challenges, promote jointness and achieve significant savings.

To accomplish the BRAC process, the DoD organized into two analysis groups: the Military Departments and Joint Cross-Service Groups (JCSGs). The Military Departments looked at installations specifically devoted to their individual requirements as well as supporting operational forces, while the JCSGs focused on bases and functions that represent DoD's common infrastructure.

One JCSG, the Technical Joint Cross-Service Group explored research, development, acquisition, test and evaluation (RDAT&E) functions across the Department of Defense. The Weapons and Armaments (W&A) subgroup provided a recommendation to realign Patrick Air Force Base, Cape Canaveral, FL, by relocating Nuclear Test and Evaluation at the Naval Ordnance Test Unit (NOTU) to Strategic Weapons Facility Atlantic, Kings Bay, GA. The subgroup based its recommendation on an evaluation of military value criteria, a review of scenarios to maximize military value and minimize capacity retained and a comparison against other considerations to include Payback Period, Environmental Factors, Community Infrastructure and Economic Impact.

The BRAC COBRA Model was then used to calculate the savings associated with this relocation of the NOTU. Upon examination of the COBRA Model data concerning the NOTU (referred to as the Baseline Case), Whitney, Bradley & Brown (WBB), Inc. found that the DoD analysis for the most part is sound. Exceptions are in Military Construction (MILCON) where the guidance calls for a 160,000-square-foot building and the DoD COBRA model runs a 60,000-square-foot building, and in NOTU-specific contractor support costs which were not included in the DoD analysis. An alternative COBRA run containing these two factors performed by WBB adds more than $24 million to the one-time costs, reduces the Net Present Value (NPV) by more than $26 million and increases the payback period from seven to 10 years.

COBRA Model Excursion – Naval Ordnance Test Unit		
	Baseline DoD Scenario	**Alternative – Adds MILCON and contractor support costs**
Net Present Value	$-61.417 million	$-35.052 million
Payback Period	7 years	10 years
One-time Cost	$86.442 million	$110.690 million
Issues	Relocates NOTU to Kings Bay, GA	Scenario adds MILCON and contractor support costs.
Impact	None.	Less savings and longer Payback Period.

II. Introduction

Public Law 101-510, as amended, requires the Secretary of Defense to provide the Defense Base Closure and Realignment Commission a report containing the Department of Defense (DoD) recommendations to realign or close military installations within the United States and its territories. Secretary Rumsfeld complied with this requirement on May 13, 2005.

The DoD recommendations are intended to align U.S. base structure with the force structure that is expected to be needed over the next 20 years. These proposals focus on implementing DoD global force reposturing, facilitate the ongoing transformation of U.S. forces to meet the challenges of the 21st Century and restructure important support functions to capitalize on advances in technology and business practices. Overall, these recommendations are designed to support force transformation; address new threats, strategies and force protection concerns; consolidate business-oriented support functions; promote joint and multi-Service basing; and provide significant savings.

As required by law, the base realignment and closure (BRAC) process entailed comprehensive and comparable analyses of all installations in the United States and its territories, using military value as the primary consideration. In reviewing its base structure, DoD considered the capabilities needed to support potential mobilization and surge requirements, as well as the unique installation needs of Reserve Component forces. Moreover, DoD placed special emphasis on retaining the infrastructure and capabilities necessary to respond to contingencies.

DoD organized its analysis into two groups: the Military Departments which analyzed installations devoted exclusively to their requirements, as well as supporting operational forces; and Joint Cross-Service Groups (JCSGs) which scrutinized the bases and functions that constitute the DoD's common support infrastructure. The joint groups were composed of senior representatives of the Military Departments, the Joint Staff and the Office of the Secretary of Defense (OSD). One JCSG is of interest to the Economic Development Commission of Florida's Space Coast, the Technical Joint Cross-Service Group.

The Technical Joint Cross-Service Group (TJCSG) was chartered to review the following DoD technical functions: Research; Development and Acquisition; and, Test and Evaluation. The research function included basic research, exploratory development and advanced development. The development and acquisition function included system development and demonstration, systems modifications, experimentation and concept demonstration, product/in-service life-cycle support and acquisition. The test and evaluation function included the formal developmental test and evaluation (DT&E) and the formal operational test and evaluation (OT&E).

To baseline the TJCSG analysis and recommendation development, the group established two guiding principles and an overarching strategic framework. The two principles were:

- Provide efficiency of operations by consolidating technical facilities to enhance synergy and reduce excess capacity

- Maintain competition of ideas by retaining at least two geographically separated sites, each of which would have similar combination of technologies and functions. This would also provide continuity of operations in the event of an unexpected disruption

In concert with these two principles, the TJCSG used a strategic framework to establish multifunctional and multidisciplinary technical Research, Development, Acquisition, Training & Evaluation (RDAT&E) Centers of Excellence which should provide the scientific and technical advances to enable DoD to develop capabilities and weapons that are technologically superior to those of potential adversaries into the future. Furthermore, the multifunctional and multidisciplinary nature of the Centers of Excellence should allow for more rapid transition of technology and enhance integration of multiple technologies. Finally, the Centers of Excellence were to be complemented by DoD's existing technical facilities that have a disciplinary focus.

The TJCSG also recognized that to accomplish the DoD's RDAT&E functions effectively, key partners outside DoD were essential, to include other government organizations, industry, universities and the international community. Finally, the rapidly changing and uncertain environment of the 21st Century required that the TJCSG analysis and recommendations ensure that surge capability would be available for the future Defense RDAT&E infrastructure.

TJCSG recommendations provided the Department Centers of Excellence in the following three areas: Defense Research laboratories; RDAT&E Centers; and, Integrated Command, Control, Communications and Computers and Intelligence, Surveillance and Reconnaissance (C4ISR) Centers.

To organize its efforts, the TJCSG established five subgroups, each of which took responsibility for evaluating a set of technical activities. The subgroup of importance to the Economic Development Commission of Florida's Space Coast was the Weapons and Armaments Subgroup. Each subgroup conducted a detailed analysis for capacity, military value, scenario development and analysis; and, finally, developed and evaluated candidate recommendations.

III. Military Value Criteria

As required by statute, the military value of an installation or activity was the primary consideration in developing DoD's recommendations for base realignments and closures. For DoD, military value has two components: a quantitative component and a qualitative component. The qualitative component is the exercise of military judgment and experience to ensure rational application of the criteria. The quantitative component assigns attributes, metrics and weights to the selection criteria to arrive at a relative scoring of facilities within assigned functions.

To arrive at a quantitative military value score, subgroup members began by identifying attributes or characteristics for each criterion. They weighted attributes to reflect their relative importance based on things such as their military judgment or experience, the Secretary of Defense's Transformational Guidance and BRAC principles. Metrics were subsequently developed to measure these attributes. The metrics were also weighted to reflect relative importance, again using military judgment, transformational guidance and BRAC principles. Once attributes had been identified and weighted, the subgroup members developed questions for use in military value data calls. If more than one question were required to assess a given metric, these were likewise weighted. Each analytical subgroup member prepared a scoring plan, and data-call questions were forwarded to the field. These plans established how answers to data-call questions were to be evaluated and scored. With the scoring plans in place, the Military Departments and JCSGs completed their military value data calls. These were then forwarded to the field by the Military Departments and Defense Agencies. The analytical subgroup members input the certified data responses into the scoring plans to arrive at a numerical score and a relative quantitative military value ranking of facilities/installations against their peers.

In selecting military installations for closure or realignment, DoD gave priority consideration to military value (the four criteria listed below):

(1) The current and future mission capabilities and the impact on operational readiness of the total force of the Department of Defense, including the impact on joint warfighting, training and readiness
(2) The availability and condition of land, facilities and associated airspace (including training areas suitable for maneuver by ground, naval or air forces throughout a diversity of climate and terrain areas and staging areas for the use of the Armed Forces in homeland defense missions) at both existing and potential receiving locations
(3) The ability to accommodate contingency, mobilization, surge and future total force requirements at both existing and potential receiving locations to support operations and training
(4) The cost of operations and the manpower implications

In addition to the Military Value criteria, other factors were considered.

IV. Other Considerations Criteria

Once the decision-makers determined that the particular scenario was consistent with or enhanced military value, they proceeded to evaluate the scenario against the remaining

selection criteria. Those criteria include determining Payback and Economic Impact, Assessing Community Infrastructure and determining Environmental Impact. The Other Considerations criteria specifically include the following:

(5) The extent and timing of potential costs and savings, including the number of years, beginning with the date of completion of the closure or realignment, for the savings to exceed the costs
(6) The economic impact on existing communities in the vicinity of military installations
(7) The ability of the infrastructure of both the existing and potential receiving communities to support forces, missions and personnel
(8) The environmental impact, including the impact of costs related to potential environmental restoration, waste management and environmental compliance activities

In the final stages of the scenario analysis process, using analysis against all eight selection criteria, each analytical subgroup member determined which of its scenarios to recommend for approval. Any scenario recommended became a candidate recommendation. Nuclear T&E at the NOTU became one of those recommendations.

V. Scenario Development

With the capacity and military value analyses complete, the TJCSG then began an iterative process to identify potential closure and realignment scenarios. These scenarios were developed using either a data-driven optimization model or a strategy-driven approach. Each approach relied heavily on the military judgment and experience of the subgroup members.

The optimization models incorporated capacity and military value analysis results and force structure capabilities to identify scenarios that maximized military value and minimized the amount of capacity retained. These models were also used to explore options that minimized the number of sites required to accommodate a particular function or maximized potential savings. As data results were analyzed, the subgroup members evaluated additional scenario options.

A second methodology of generating scenarios for analysis was driven by the TJCSG strategy. Scenarios developed by this method were verified against data collected in earlier capacity and military value analysis.

VI. COBRA Model Description

COBRA (Cost of Base Realignment Actions) is an economic analysis model. It estimates the costs and savings associated with a proposed base closure or realignment action. The model output can be used to compare the relative cost benefits of alternative BRAC actions. COBRA is not designed to produce budget estimates but to provide a consistent and auditable method of evaluating and comparing different courses of action in terms of the resulting economic impacts for those costs and savings measured in the model.

The COBRA Model calculates the costs and savings of base stationing scenarios over a period of 20 years. It models all activities (moves, construction, procurements, sales, closures) as taking place during the first six years, and thereafter all costs and savings are treated as steady-state. The key output value produced is the Payback Year. This is the point in time

where savings generated equal (and then exceed) costs incurred. In other words, this is the point when the realignment/closure has paid for itself and net savings begin to accrue. The Payback Period is the period between the end of the realignment action and the Payback Year.

The COBRA Model allows alternative closure/realignment scenarios to be compared in terms of when the Payback Year is reached. Should a Payback Year not be achieved for a specific scenario, that scenario will result in a net cost rather than savings. Similarly, if a scenario has a long Payback Period it will not start to generate net savings until well after the BRAC action would have been completed. Such an action would generally be less economically beneficial than one with an earlier Payback Year.

The COBRA Model also calculates and reports the Net Present Value (NPV) for the 20-year planning period of each scenario analyzed. NPV is the present value of future costs of a scenario, discounted at the appropriate rate, minus the present value of future savings from the scenario. All dollar values, regardless of when they occur, are measured in constant base-year dollars. This is important because it eliminates artificial distinctions between scenarios based on inflation, while highlighting the effects of timing on model results. Costs and savings are calculated for each year of the 20-year planning period. For each year, total costs and savings are then summed to determine a net cost for that year. The net cost of each year is then added to the net cost for preceding years to determine the total net cost to that point in time. The sum of the total net costs for all 20 years is the Net Present Value of the scenario.

VII. The Naval Ordnance Test Unit

The Naval Ordnance Test Unit exists to support missile test, deployed systems, surface ships and submarine operations at Cape Canaveral as well as Trident II flight test at other major range and test facilities base activities. Its core functions are:

- Navy liaison to the range for the planning and conduct of testing involving range assets for both Eastern and Pacific ranges.
- In-tube conversion (ITC) of submarine-launched ballistic missile (SLBM) test candidates, training of ITC personnel, conversion and post-conversion monitoring, and refurbishment of RF Telemetry sets.
- Program management, missile support design, missile and support equipment technical publications, fleet liaison and support equipment logistics.
- Provide government oversight for all SP contractors located at the Eastern Range, including testing operations at NOTU ground facilities, guidance flight testing using aircraft, and SLBM flight testing, and all support equipment work.
- Provide facilities and fleet support for U.S. and United Kingdom ballistic missile submarine demonstration and shakedown operations.
- Coordinate and manage all facets of Navy test launches and support operations from Launch Complex 46.

Additionally, NOTU operates the U.S. Navy port at Cape Canaveral, including providing logistics support and security for visiting U.S. and Allied fleet units and serves as homeport for *USNS Waters*. NOTU serves as a staging area for fleet operations, providing pier accommodations as well as personnel transfer vessel operations and services as requested by operating units on a not-to-interfere-with-program basis. NOTU's partners are the U.S. Air Force's 45th Space Wing, Commander Submarine Group 10-Kings Bay, the British Royal Navy, and the U.S. Army Corps of Engineers.

VIII. DoD Base Closure and Realignment Recommendation

The specific language regarding the Naval Ordnance Test Unit at Patrick Air Force Base, Cape Canaveral, FL, in the *Department of Defense Base Closure and Realignment Report*, May 2005, is contained below.

Consolidate Navy Strategic Test & Evaluation

Recommendation: 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.

Justification: This recommendation realigns the stand-alone east coast facility working in full-scale Nuclear Test & Evaluation at Cape Canaveral into a fully supported Navy nuclear operational site at Kings Bay to gain synergy in security (Anti-Terrorism Force Protection-ATFP), Fleet operational support and mission support infrastructure. Since 1956, the Fleet Ballistic Missile (FBM) Program, in support of the TRIDENT (D-Series) Missile, has executed land-based (pad) as well as sea-based (SSBN) test launches supported by the Naval Ordnance Test Unit (NOTU) at Cape Canaveral, FL. This facility provided both the launch support infrastructure as well as docking for sea-based pre- and post-launch events. Recent changes in ATFP requirements, the recent establishment of the Western Test Range in the Pacific, and the programmatic decision to no longer require land based (pad) launches at Cape Canaveral all lead to the realignment/relocation of this function to Kings Bay. This action aligns nicely with the overall Weapons and Armaments strategy to move smaller activities at remote sites into larger facilities to realize a significant synergy in support functions and costs while maintaining mission capability.

Payback: The total estimated one-time cost to the Department of Defense to implement this recommendation is $86.4M. The net of all costs and savings to the Department during the implementation period is a cost of $76.7M. Annual recurring savings to the Department after implementation are $13.4M with a return on investment expected in 7 years. The net present value of the costs and savings to the Department over 20 years is a savings of $61.4M.

Economic Impact on Communities: Assuming no economic recovery, this recommendation could result in a maximum potential reduction of 1,013 jobs (571 direct jobs and 442 indirect jobs) over the 2006-2011 period in Palm Bay-Melbourne-Titusville, FL, Metropolitan Statistical Area which is 0.4 percent of economic area employment. The aggregate economic impact of all recommended actions on this economic region of influence was considered and is at Appendix B of Volume I.

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

Environmental Impact: This recommendation has the potential to impact cultural, archeological, or tribal resources; land use constraints or sensitive resource areas; marine mammals, resources, or sanctuaries; threatened and endangered species or critical habitat;

water resources; and wetlands at Kings Bay. This recommendation has no impact on air quality; dredging; or noise. This recommendation will require spending approximately $0.1M on environmental compliance activities. This cost was included in the payback calculation. This recommendation does not otherwise impact the costs of environmental restoration, waste management, and environmental compliance activities. The aggregate environmental impact of all recommended BRAC actions affecting the bases in this recommendation has been reviewed. There are no known environmental impediments to implementation of this recommendation.

Each recommendation, rooted in the Department's long-term force structure plan and installation inventory, was measured against eight criteria. The Department gave priority consideration to military value (Criteria 1-4), then considered costs and savings (Criteria 5) and finally assessed the economic impact on local communities, the community support infrastructure and the environmental impact (Criteria 6-8).

IX. COBRA Analysis

A. Baseline Case – DoD Scenario

WBB examined the scenario concerning Patrick Air Force Base, Cape Canaveral, and the Naval Ordnance Test Unit data contained in the DoD COBRA Model. This scenario option will be referred to as the DoD Baseline. The DoD COBRA Model calculated the Net Present Value of $-61.417 million, a Payback Period of seven years and a one-time cost of $86.442 million for this scenario.

- After a thorough review of the COBRA Model calculations, WBB identified two possible inconsistencies impacting savings.

In summary, the DoD Baseline Case appears to have misstated the MILCON requirement by 100,000 square feet. While the DoD scenario shows a requirement of 160,000 square feet, the Model calculates a requirement of only 60,000 square feet. Additionally, the DoD COBRA Model does not include costs for some NOTU-specific contractors needed to support the T&E mission. Therefore, the savings (Net Present Value and the Payback Period) could be underestimated. (Baseline Case COBRA Model Data is in Appendix 1.)

Accordingly, WBB ran three alternative scenarios or excursions. These alternative scenarios captured and evaluated the omissions noted during the DoD Baseline Case COBRA Model data review. The three excursions examined include the following:

- Alternative 1 – Add correct MILCON requirement.
- Alternative 2 – Add NOTU-specific contractor support costs.
- Alternative 3 – Add correct MILCON requirement and NOTU-specific contractor support costs.

B. Alternative 1 – Add correct MILCON requirement.

Alternative 1 is a scenario to examine how using the correct requirement of 160,000 square feet of building space as stated in the DoD scenario affects the cost of moving NOTU to Kings Bay.

Modification to COBRA Assumptions: 160,000 vice 60,000 square feet for office space.

Results: This excursion increases the one-time cost by $16.748 million, erodes the Net Present Value by $19.992 million and increases the payback time by two years (from seven to nine).

C. Alternative 2 – Add NOTU-specific contractor support costs.

Alternative 2 examines how moving 192 NOTU-specific contractor positions to Kings Bay would increase the cost of moving NOTU. The DoD COBRA Model assumed a 15% contractor savings for reduction in support to Patrick Air Force Base achieved by the relocation to Kings Bay. However, the DoD Baseline Scenario factored in no costs for relocating NOTU-specific contractors, which are 60% of the command. Using a commonly used workforce relocation factor of 30% of authorized personnel, Alternative 2 relocated 150 of the 492 NOTU contractors at a total cost of $7.5 million, or $50,000 per move.

Modification to COBRA Assumptions: Relocation of 150 NOTU-specific contractors'

Results: This excursion increases the one-time cost by $7.5 million, erodes Net Present Value by $6.443 million and increases the Payback Period by one year (from seven to eight).

D. Alternative 3 – Add correct MILCON requirement and NOTU-specific contractor support costs.

P.3 contractors

Alternative 3 examines how adding both the correct MILCON requirement of 160,0 feet and the movement of 150 NOTU-specific contractors would impact the cost of proposed relocation.

352 day to day - onsite
180 off site
532

Modification of COBRA Assumptions: 160,000 vice 60,000 square feet for office s
relocation of 150 NOTU-specific contractors.

Results: This excursion increases one-time costs by $24.248 million, erodes Net Present Value by $26.365 million and increases the Payback Period by three years (from seven to 10).

X. Conclusion

The Department of Defense uses a methodical approach to determine BRAC realignment and closure recommendations. A thorough review by either the Military Departments or the Joint Cross-Service Groups examines the military value, develops appropriate scenarios and evaluates a set of four additional criteria. Finally COBRA, an economic analysis model, is used to calculate the associated recommendation cost and savings to determine a Net Present Value and Payback Period.

With respect to the proposed recommendation to realign Patrick Air Force Base, Cape Canaveral, FL, by relocating the Nuclear Test and Evaluation at the Naval Ordnance Test Unit to Strategic Weapons Facility Atlantic, Kings Bay, GA, from a COBRA model perspective the DoD analysis for the most part is sound. However, two exceptions were found regarding the correctness of the MILCON requirement and the cost of NOTU-specific contractor costs.

Where the DoD guidance calls for a 160,000-square-foot building, the DoD COBRA model runs a 60,000-square-foot building. Another possible area of debate is in civilian contractors working directly for the NOTU. Since NOTU is approximately 60% contractor supported, WBB recommends a review under the Base Information (Dynamic) Activity Mission Area to ensure completeness in the analysis. The major issue here is not one of cost but of ensuring there is an adequate educated and trained pool of personnel to perform the NOTU-specific mission should the DoD BRAC baseline be adopted. An alternative COBRA run performed by WBB using the correct MILCON requirement and moving 150 of the NOTU-specific personnel to Kings Bay adds more than $24 million to the one-time costs, reduces Net Present Value by more than $26 million and increases by payback period by a three years.

Report submitted by:
Whitney, Bradley & Brown, Inc.
1604 Spring Hill Road
Suite 200
Vienna, Virginia 22182

DCN:11673

Community Input

Realignment of NOTU to Kings Bay Sub Base

Recommend BRAC Commission overturn the DoD recommendation to realign the Naval Ordnance Test Unit, and recommend leaving the NOTU at Patrick Air Force Base.

This is an easy reversal for the Commission based on military value considerations, higher costs than reported, a significantly longer pay back, and the fact that there are no other units or activities interrelated to the realignment.

1. **DoD analysis was flawed and based on erroneous information:**
   a. NOTU is not a stand alone unit; operates with Air Force collocated on CCAFS (Patrick)
   b. Direct Support Contractors do 65% of work at NOTU; unaccounted for in COBRA
   c. DoD reported 160,000 sq ft facility required at Kings Bay; COBRA costed only 60,000 sq ft
   d. All concomitant mission requirements were not identified by DoD analysis

2. **Proposed realignment will not achieve stated DoD transformation goal of improved readiness and enhanced jointness.**
   a. Combining test and operational missions under the same commander will diminish military value associated with the test mission; operational missions will always receive priority.
   b. Test missions would require longer transit: impacts test accomplishment, cost, and force protection.
   c. Eliminates close interaction of NOTU personnel with AF 45th Space Wing responsible for test coordination, safety, and control of Eastern Test Range activities and firings.
   d. Requires extensive TDY travel back to Patrick for coordination on East/West Coast tests.

3. **Other Mission Elements not accounted for in DoD analysis and realignment recommendation.**
   a. Failure to consider essential contractor workforce led to understatement of dedicated facilities required to accomplish the test mission. NOTU total work force (on site) requires 300,000 sq ft. 195 govt personnel 352 contractors opinion essential 180 students 727 727 × 160 sq ft/person = 116,320 sq ft

   b. Trident D-5 critical Missile Life Extension Upgrade is scheduled for 2007-10 in the Integrated Test Facility at CCAFS, followed by live missile firings 2011-2015. This will create severe turbulence, as the timing falls in the 'heart' of the realignment.

   c. Additional berthing for USNS Waters will be required, and has not been adequately addressed by COBRA requirements.

   d. Trident D-5 Post Production Center of Excellence will be stood up in 2005 on CCAFS in an Air Force provided facility with $300,000 refurbishment being provided by the State and Brevard County. Facility and personnel movements (250 persons) required to support this mission element were not included in the COBRA.

   e. Overhead savings from consolidation of NOTU with SWFLANT will not materialize; operational and test missions differences require separate control oversight. Command/

administrative/support functions must be duplicated at Kings Bay, as there are not similar test functions there.

4. Questions suggested for Department of Defense:

a. DoD's recommendation to realign NOTU to Kings Bay, GA identified a facility requirement of 160,000 sq ft. Currently, support of the test mission by the 195 personnel identified for realignment and the 312 direct support contractors working at NOTU daily utilizes 300,00 sq ft. Has the requirement been updated to account for all military, civilian, and contractor personnel physically working at NOTU?

b. We have been briefed that the Trident D-5 missile life extension (LE) critical testing program is scheduled in the Integrated Test Facility on CCAFS for mid-2007 through 2010, to be followed by live missile firings 2011-2015. How will this turbulence be handled? Will sufficient technical personnel be available to accommodate this requirement? Will there be duplicate manpower requirements at the Cape? What are the additive costs associated with this turbulence?

c. With the closing of USN facilities occupied by NOTU, additional berthing for the support ship Waters will be required. What provisions have been made for this relocation and what are the additive costs associated with this requirement?

d. The Trident D-5 Post Production Center of Excellence is scheduled to be stood up on Cape Canaveral Air Force Station during FY 2006 in a facility provided by the Air Force. The State of Florida and Brevard County have provided incentives in the amount of $300K for refurbishment of the facility to meet PPCE requirements. Facility requirements for this operation were not considered in the DoD recommendation; what are the facility costs for realignment onto Kings Bay Sub Base?

e. Relocation of the PPCE will not only require facility space not accounted for in the DoD COBRA, but contractor movement, and/or hire of new personnel will involve additional turbulence and cost associate with the Navy's submarine test/missile transition program. What provisions have been made to accommodate this movement and what are the costs associated with it.

f. DoD indicated that there is an overhead savings from consolidation of NOTU with SWFLANT. Others have indicated that due to operational and test mission differences that this is not a consolidation but a collocation and therefore these savings will not be realized. Base operating support at Cape Canaveral AFS is provided by the Air Force as the host and a similar arrangement will have to exist at Kings Bay if the NOTU mission is relocated. Therefore, there appears to be no base operating support savings by relocating to Kings Bay, GA. Please explain rationale for claimed savings.

DCN:11673

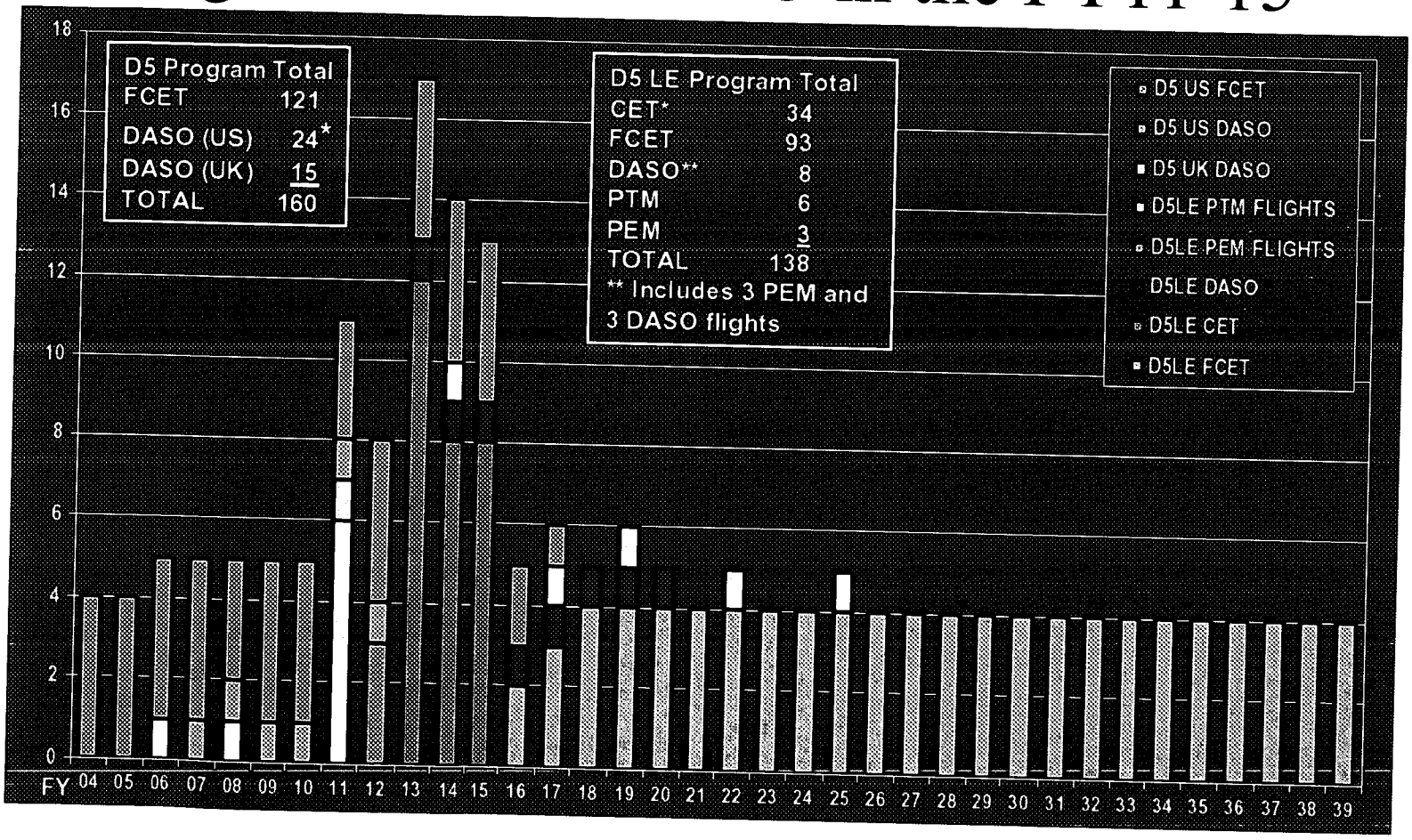
Challenges

- SWFLANT focus on tactical fleet support
  - Flight test mission is significant additional responsibility
  - Organizational structure must support CO SWFLANT
- DASO execution will require significant rework
  - Execution schedule
  - VIP accommodation (US and UK)
  - End to end testing still open issue
- Consolidated Support Ship berth
  - Site 6 will require development
  - Explosive arcs
  - Pro – important to remain aligned within SSP
  - Must be able to support NMIS load out

Community Input

Challenges

- Flight Test OPTEMPO in the FY11-15

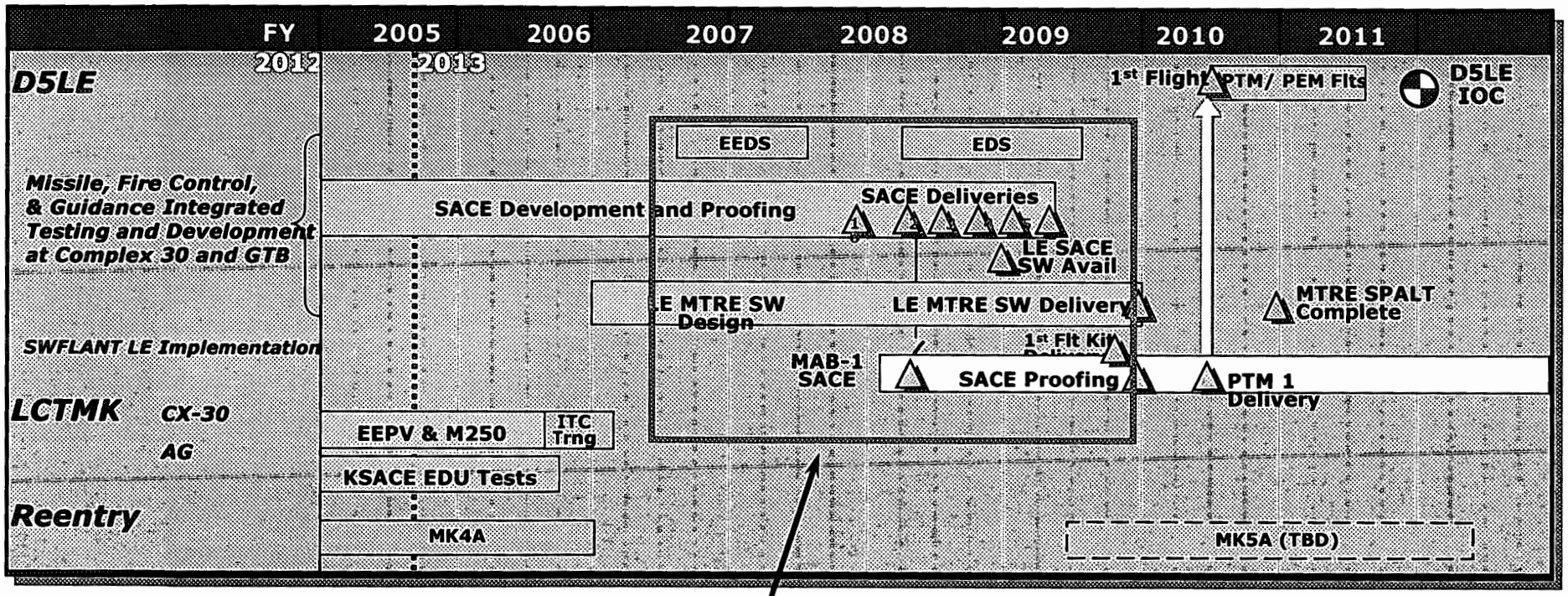


DCN:11673

DCN:11673

Challenges

- **Phasing the move**



D5LE critical testing and evaluation in the Integrated Test Capability

Community Affairs

DCN:11673

Farrington, Lester, CIV, WSO-BRAC

From: Genfrankln@aol.com

Sent: Thursday, August 04, 2005 4:42 PM

To: lester.farrington@wso.whs.mil

Cc: paul@madisongov.net; LWeatherman@SpaceCoastEDC.org; rharris@meadconstruction.com; bborger@cfl.rr.com; KAgee@SpaceCoastEDC.org

Subject: NOTU Charts

Attachments: NOTU 4.ppt

Les,

Thanks for permitting Space Coast to expand on elements of the NOTU operation today; know you're extremely busy and time is precious. I'm attaching the four slides we promised today--the three slides we provided in hard copy and the personnel slide mentioned in our discussion.

Thanks again for your willingness to talk with us. We remain available to clarify any other items. Please call on us if we can be of any assistance.

Carl Franklin, Consultant
Madison Government Affairs
(703) 622-3900

Personnel

	Military	Civilian	NAF	Contractor	**Total**
NOTU	84	52	26	1	163
OTSU-2	39	0	0	38	77
SPF-C	3	7	0	1	11
SP205	14	0	0	0	14
Contractors (on base)				312	312
Contractors (off base)				180	180
Total	140	59	26	532	757

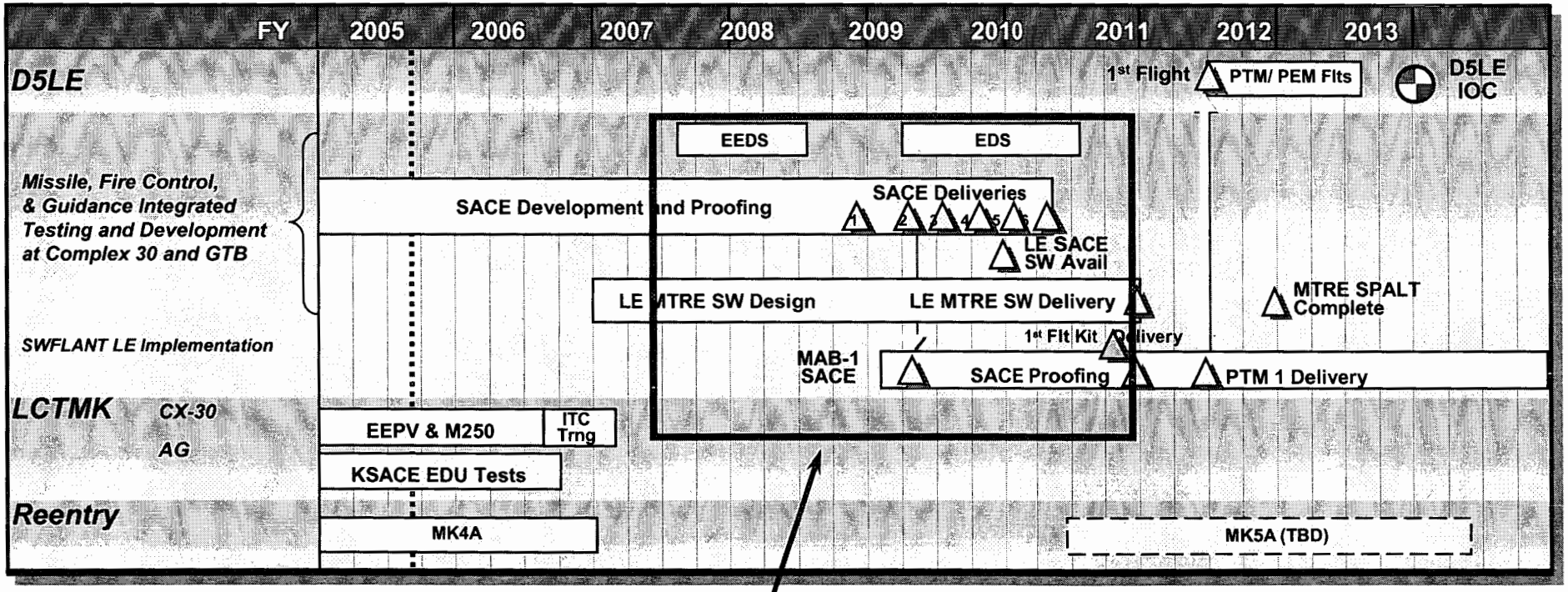
Note: Military numbers reflect manning reductions in approval process

DCN:11673

DCN:11673

Challenges

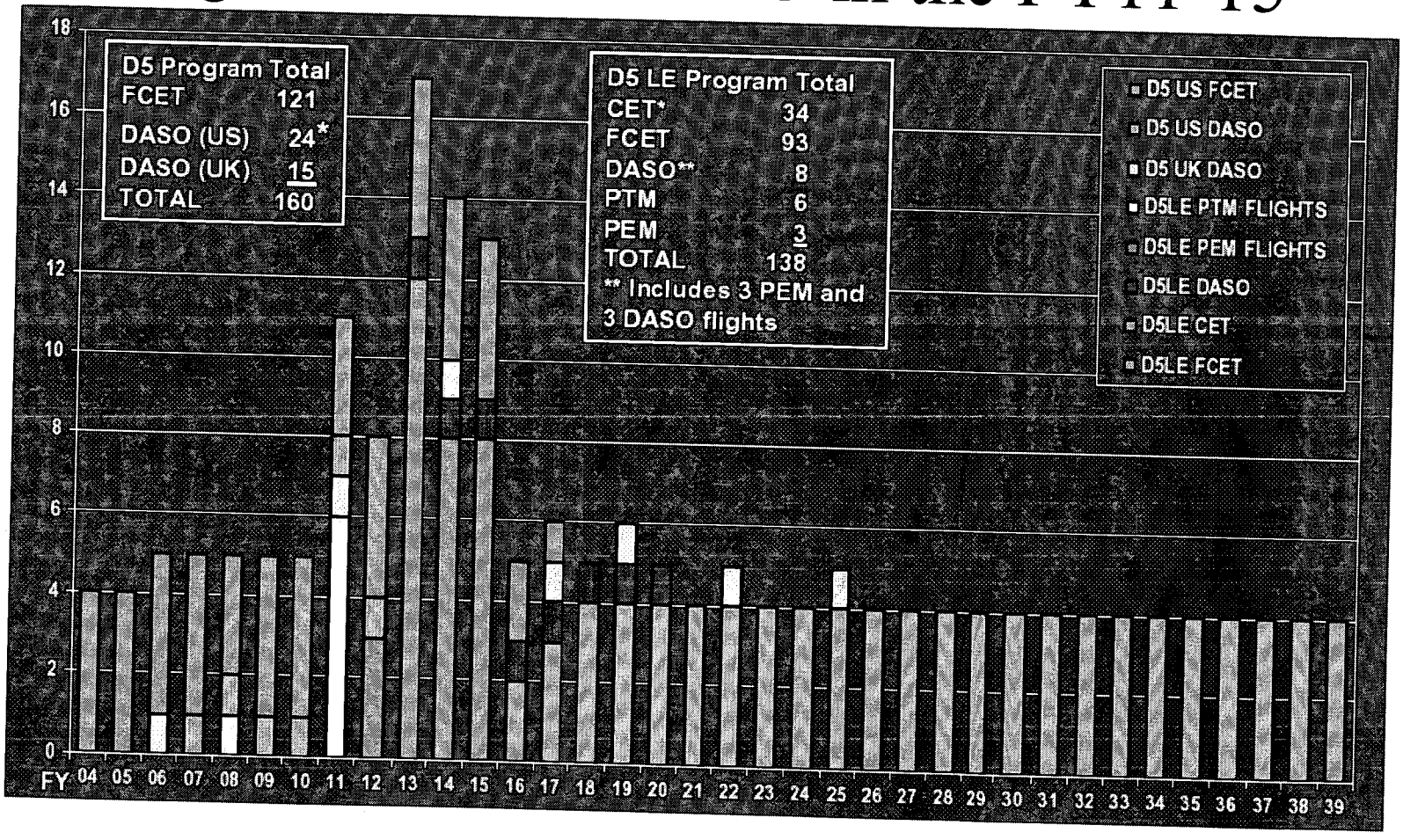
- **Phasing the move**



D5LE critical testing and evaluation in the Integrated Test Capability

Challenges

- Flight Test OPTEMPO in the FY11-15



DCN:11673

Challenges

- SWFLANT focus on tactical fleet support
  - Flight test mission is significant additional responsibility
  - Organizational structure must support CO SWFLANT
- DASO execution will require significant rework
  - Execution schedule
  - VIP accommodation (US and UK)
  - End to end testing still open issue
- Consolidated Support Ship berth
  - Site 6 will require development
  - Explosive arcs
  - Pro – important to remain aligned within SSP
  - Must be able to support NMIS load out

DCN:11673

Farrington, Lester, CIV, WSO-BRAC

From: Paul Hirsch [paul@madisongov.net]
Sent: Tuesday, August 09, 2005 11:14 AM
To: Farrington, Lester, CIV, WSO-BRAC
Cc: PAUL HIRSCH; Sack, Al; Carl Franklin
Subject: Request to Clearinghouse - NOTU

Les:

I left the meeting the other day on NOTU feeling that we needed to clarify the 160,000 SF. I spoke with Al Sack whom you have met on a number of occasions. He is our COBRA guy. Al clarified for me the 160,000 SF reference. I wanted you to have our analysis and the method by which we came to that number. Here is Al's explanation which we accept and endorse.

NOTU MILCON NEEDS

The square foot requirement is tied directly to the lack of accounting for contractor personnel in determining the requirements to support the NOTU mission. We used the information provided by the DOD team and found the 60K square foot requirement and looked at how it was determined.

192 people are moving at 160 sq ft per person for office space and 150 sq ft for research

192 times 160 equals	31,200
192 times 150 equals	29,250
Total	**60,450**

The COBRA analysis did not include 312 support contractors that work on site and require the square footage of the government employees. Adding them to the requirement yields the following results:

312 times 160 equals	49,920
312 times 150 equals	46,800
Total	**96,720**

31,200
49,920
81,120

Admin

29,250
46,800
76,050

Total requirement for space is **157,170** that we rounded in our review to **160,000** square feet. This is consistent with methodology used by the government team to arrive at the 60,000 square foot number.

Excerpt from COBRA model:
"4) The following calculation is performed to determine whether there is sufficient space to accept donor base personnel: 160* reassigned personnel + 150 * 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."
****

Les, hope this info helps in your process.

Paul

Paul J. Hirsch
Madison Government Affairs, Inc.
444 N. Capitol St, NW, Suite 601
Washington DC 20001
202 347-1223
FAX 347-1225

DCN:11673

DEFENSE BASE REALIGNMENT AND CLOSURE COMMISSION
2521 S. CLARK STREET, SUITE 600
ARLINGTON, VIRGINIA 22202
(703) 699-2950

MEMORANDUM OF MEETING

DATE: August 4, 2005

TIME: 1:00 P.M.

MEETING WITH: Community representatives for the Naval Ordnance Test Unit (NOTU) , Cape Canaveral, FL

OBJECTIVE:
To obtain information on community position with regard to DOD's recommendation to relocate NOTU to the Strategic Weapons Facility Atlantic, Kings Bay, GA

Joint Issues Team staff:

Les Farrington, Senior Analyst
Glenn Knoepfle, Senior Analyst

OTHER COMMISSION PARTICIPANTS:

NON-COMMISSION PARTICIPANT(S):

William Borger, Space Coast Defense Alliance, Economic Development Commission
Loymra Wetherman, Space Coast Defense Alliance, Economic Development Commission
Randy Harris, Chairman, Space Coast Defense Alliance, Economic Development Commission
Paul Hirsch, Consultant, Madison government Affairs
Carl Franklin, Consultant, MGA
Al Sack, Vice-president, WBB
Brendan Curry, aide to Congressman Dave Weldon (FL)

MEETING RESULTS/FOLLOW-UP ACTION:

The community representatives provided the following pertinent comments.

- **The community is concerned about the possible loss of expertise. They estimated that less than 25 percent of mission critical test engineers and technicians would be willing to relocate from Cape Canaveral to Kings Bay. They stated that 65 percent of the test work at NOTU is done by contractors.**

- **Officials believe DOD's COBRA analysis understates the size of buildings that would need to be replicated at the Kings Bay. They stated that the NOTU currently occupies about 300,000 square feet of administrative and test facilities on Patrick Air Force Base, compared to the COBRA analysis which would provide only 60,000 square feet of admin space at he receiving site.**

- **Officials stated that relocation of the test unit from Cape Canaveral to Kings Bay would significantly delay schedules for conducting demonstration and shakedown operational (DASO) and other tests. Many key tests are scheduled to be conducted during the same time that equipment would need to be relocated to Kings Bay. According to the officials, this will result in significant mission interruption.**

- **Officials stated that the proposed recommendation to consolidate the NOTU with the Strategic Weapons Facility Atlantic at Kings Bay would, in essence constitute co-location of two stand-alone facilities. They stated that due to differences in operational and testing missions the combination should not be considered as a consolidation, and therefore the expect ed economy of scale savings from combining administrative support functions of the two dissimilar missions would be limited at best. They indicated that the 35 percent personnel eliminations included in DOD's COBRA analysis is extremely questionable. They said that if the testing mission is relocated to Kings Bay, as recommended by DOD, 57 of the current 59-person authorizations would be required at Kings Bay, compared to the 22 realigned positions estimated by DOD. They explained that little or no economies can be gained from co-locating test units with the operational users. Lastly, they stated that the Cape Canaveral test facility only uses inert items, whereas the operational unit handles and uses strategic (live) items.**

- **Officials stated that DOD's COBRA analysis did not consider the cost impact and availability of critically needed mission essential support personnel at the receiving site.**

- **Officials stated that the DOD recommendation did not consider the synergistic benefit of a recent private industry decision to co-locate a Post Production Product Center of Excellence on the Cape Canaveral complex.**

- **According to the community representatives, the realignment would eliminate the daily working relationship of NOTU personnel with the Air Force's 45th Space Wing, which is responsible for the test coordination, safety and control of the Eastern Test range activities and firings. Relocation would adversely impact mission accomplishment. Synergies from this "joint" working relationship are already in place, and realigning the mission to Kings Bay would curtail this day-to-day joint working relationship.**

DCN:11673

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 concerns your request for information regarding the Technical Joint Cross Service Group recommendation Consolidate Navy Strategic Test & Evaluation also known as TECH-0018E [page Tech – 12].

Attached are the responses to your questions about the relocation of the Naval Ordnance Test Unit (Cape Canaveral, FL).

Thank you for the opportunity to address your questions.

Sincerely,

Alan R. Shaffer
Executive Director
Technical Joint Cross Service Group

Attachment:
As stated.

3 pages

DCN:11673

Technical Joint Cross Service Group Responses to
Base Realignment and Closure Commission Questions - JCS#57
August 17, 2005

1. Department of Defense (DoD) recommendation to realign NOTU to Kings Bay, GA identified a facility requirement of 160,000 sq ft. Currently, support of the test mission by the 195 personnel identified for realignment and the 312 direct support contractors working at Naval Ordnance Test Unit (NOTU) daily utilizes 300,000 sq ft. Has the requirement been updated to account for all military, civilian, and contractor personnel physically working at NOTU?

TJCSG Response - NOTU currently occupies a footprint of approximately 351,000 square feet. This includes many older facilities no longer utilized for their intended purpose and results in an inefficient use of space. The Cost of Base Realignment and Closure Actions (COBRA) analysis supporting the DoD recommendation to realign NOTU to Kings Bay, GA includes a new construction requirement of 214,400 SF to house the 195 personnel and 312 direct support contractors.

2. We have been briefed that the Trident D-5 missile life extension (LE) critical testing program is scheduled in the Integrated Test Facility on Cape Canaveral Air Force Station (CCAFS) for mid-2007 through 2010, to be followed by live missile firings 2011-2015. How will this turbulence be handled if the test facility is relocated during this same time period? Will sufficient technical personnel be available to accommodate this requirement? Will there be duplicate manpower requirements at Cape Canaveral? What is the additive cost associated with this turbulence?

TJCSG Response - The DoD Base Realignment and Closure Recommendation took Trident D-5 missile life extension testing into account with the projected final closure of Naval Ordnance Test Unit (NOTU) at Cape Canaveral set in FY11. Phasing the move to Kings Bay in 2011 significantly mitigates the risk to the TRIDENT D-5 Life Extension development and testing effort. For live missile firings in FY2011 and beyond, both the Eastern Test Range (Cape Canaveral, FL) and the Pacific Test Range (Pt. Mugu, CA) will be utilized. Careful management of flight test schedules and supporting teams will be required to maintain a successful flight program. There are no current plans to duplicate manpower requirements at Cape Canaveral or at Kings Bay, therefore there are no additional costs anticipated as a result of duplicate manning. Existing use of the Pacific Test Range does not require a permanent NOTU presence and it is envisioned that coordination with the Eastern Test Range can be done in a similar manner without a permanent presence on the range. When expertise is required on site or during a missile launch, personnel will be able to travel to Cape Canaveral from Kings Bay

on Temporary Duty (TDY), similar to how NOTU presently coordinates with the Pacific Test Range at Pt Mugu, CA. Travel to support range meetings/ops associated with this recommendation was included in COBRA analysis as a $42K annual recurring cost beginning in FY2011.

3. The Trident D-5 Post Production Center of Excellence (PPCE) is scheduled to be stood up on Cape Canaveral Air Force Station during FY 2006 in a facility provided by the Air Force. The State of Florida and Brevard County have provided incentives in the amount of $300K for refurbishment of the facility to meet PPCE requirements. Facility requirements for this operation were not considered in the DoD recommendation; what are the facility costs for realignment onto Kings Bay Sub Base?

TJCSG Response - The new construction costs for a similar facility at Naval Submarine Base Kings Bay is approximately $18.8M.

4. Relocation of the Post Production Center of Excellence (PPCE) will not only require facility space not accounted for in the DoD COBRA, but contractor movement, and/or hire of new personnel will involve additional turbulence and cost associate with the Navy's submarine test/missile transition program. What provisions have been made to accommodate this movement and what are the costs associated with it.

TJCSG Response - COBRA does not provide for the costs associated with potential contractor relocation or hiring of new contractor personnel. The Navy will work with the PPCE responsible contractor to develop a transition plan that manages any risks or impacts to the Strategic Program.

5. DoD indicated that there is an overhead savings from consolidation of NOTU with Strategic Weapons Facility, Atlantic (SWFLANT). Others have indicated that due to operational and test mission differences that this is not a consolidation but a collocation and therefore these savings will not be realized. Base operating support at Cape Canaveral AFS is provided by the Air Force as the host and a similar arrangement will have to exist at Kings Bay if the NOTU mission is relocated. Therefore, there appears to be no base operating support savings by relocating to Kings Bay, GA. Please explain rationale for claimed savings.

TJCSG Response - By relocating NOTU to Kings Bay, there will be recurring savings associated with: a significant footprint reduction; relocation from numerous buildings that are 20,30, 40, and 50 years old at Cape Canaveral to 3 or 4 new buildings that will provide greater efficiency and incorporate sustainable design features; and the elimination of costs associated with maintaining a port

facility that does not meet all required security requirements. There are also savings associated with personnel reductions and force protection.

DCN:11673

TECH-12

OFFICE OF THE DIRECTOR OF
DEFENSE RESEARCH AND ENGINEERING
3040 DEFENSE PENTAGON
WASHINGTON, DC 20301-3040

JUL 12 2005

Mr. Justin Bernier
Office of Congressman Robert R. Simmons
U.S. House of Representatives
Washington, DC 20515-0001

Dear Mr. Justin Bernier:

This letter responds to your request for information concerning the 2005 Base Realignment and Closure recommendations. The specific request follows.

> Request a briefing on Consolidate Navy Strategic Test and Evaluation -TECH-0018E. In particular, we need to understand the difference between the 122 jobs transferred from Patrick Air Force Base (PAFB) to Kings Bay (KB)-is this influx at KB accounted for in Cost of Base Realignment and Closure Actions scoring, and what does it mean for new infrastructure-and the 571 direct jobs eliminated at PAFB. Also, there are 302 contractor jobs eliminated, apparently without replacement, to produce the requisite annual recurring savings. How does this happen?

The enclosure should provide the information you are seeking, but if needed, you may contact me at 703-695-0005.

Thank you for the opportunity to address your concerns.

Sincerely,

for 12 Jul 05
Chief of Staff 695-0552

Alan R. Shaffer
Executive Director
Technical Joint Cross Service Group

Enclosure
As stated.

Naval Ordnance Test Unit (NOTU) Patrick Air Force Base Cape Canaveral, FL

Submarine Base Kings Bay, GA

Background

- Since 1956, the Fleet Ballistic Missile (FBM) Program, in support of the TRIDENT (D-Series) Missile, has executed land-based (pad) as well as sea-based (SSBN) test launches supported by the Naval Ordnance Test Unit (NOTU) at Cape Canaveral, FL. This facility provided both the launch support infrastructure as well as docking for sea-based pre- and post-launch events.
- This recommendation realigns the stand-alone east coast facility working in full-scale Nuclear Test & Evaluation at Cape Canaveral into a fully supported Navy nuclear operational site at Kings Bay to gain synergy in:
  - Security (Anti-Terrorism Force Protection- ATFP)
  - Fleet operational support and mission support infrastructure.
- Recent changes in ATFP requirements, the recent establishment of the Western Test Range in the Pacific, and the programmatic decision to no longer require land based (pad) launches at Cape Canaveral all lead to the realignment/relocation of this function to Kings Bay.

DCN:11673

Q: Is influx of personnel at Kings Bay accounted for in COBRA?

- Yes, COBRA accounts for not only the direct manning increase from NOTU personnel reassigned, but also includes updates to Base Operating Support (BOS) costs at Kings Bay (general security, police, fire, disbursing, etc).

Q: What is the infrastructure effect at Kings Bay?

- The following Military Construction actions were included in the COBRA assessment for Kings Bay to fully accommodate the NOTU mission needs:
  - –Flight Simulator Facility
  - –Missile/Launcher Maintenance Support Facility
  - –Intercontinental Ballistic Missile Processing Facility
  - –Missile and Space RDT&E Facility
  - –Miscellaneous Item and Equipment RDT&E Facility
  - –Covered Storage Building
  - –Hazardous Materials Storage
  - –General Administration Building
  - –Support infrastructure including (parking, lighting, roads (paved and unpaved), sewer & industrial waste water, potable water, electrical power distribution, electrical power substation)
- Excess Pier Capacity at Kings Bay can accommodate NOTU mission requirements.

DCN:11673

Q: What does this action mean to 571 direct jobs eliminated at Patrick?

- Direct jobs lost at Patrick AFB (571) breaks out as follows:
  - –136 Military
  - – 59 Civilian
  - –376 Contractor
- Direct jobs gained at Kings Bay (424) breaks out as follows:
  - –100 Military
  - – 22 Civilian
  - –302 Contractor
- A significant portion of the military and technical civilian positions will be relocated to Kings Bay, GA.
- The Command structure for NOTU will be merged with the existing Command structure at Submarine Base, Kings Bay, GA.
- Some direct positions at NOTU are expected to be eliminated due to synergy with existing operational, technical and support organizations at the Submarine Base, Kings Bay, GA.

Reference: Criteria 6, Economic Impact Report, TECH 0018E, 03032005

Q: What is the basis behind the elimination of 302 contractor jobs?

- **376 Direct Contractor positions are being lost** at Patrick AFB.
- **302 Direct Contractor positions are being GAINED** at Submarine Base, Kings Bay.
- **74 Direct Contractor positions are eliminated.**
- Many of the position eliminations are the result of the relocation action to a major strategic submarine base and the synergy with existing support structures already in place at Kings Bay such as:
  - Special Security (Marine Corps Security Force, nuclear weapons security)
  - Unit Operations (supply, disbursing, etc.)

[illegible]

Reference: Criteria 6, Economic Impact Report, TECH 0018E, 03032005

Summary

- Recent changes in ATFP requirements, the recent establishment of the Western Test Range in the Pacific, and the programmatic decision to no longer require land based (pad) launches at Cape Canaveral all lead to the realignment/relocation of the Naval Ordnance Test Unit, Cape Canaveral to the Submarine Base, Kings Bay, GA.

- This action aligns well with the overall TJCSG Weapons and Armaments Subgroup strategy to move smaller activities at remote sites into larger facilities to realize a significant synergy in support functions and costs while maintaining mission capability.

Defense Department officials generated hundreds of thousands of pages of documents when making their own list of base-closure recommendations, gathering more data than in any of the government's previous BRAC rounds.

"The extent of the information that has been provided to the commission and the Congress is unprecedented in terms of volume and level of detail," the Pentagon said in a statement earlier this week.

The information, including data on installations the Pentagon wants to shutter, is the key to lawmakers and lobbyists pleading their case to the BRAC commission to keep their bases open.

But the quantity of the information released so far is both a blessing and a curse. For those who must sift through documents, meeting minutes and other information page by page, the task of finding installation-specific data can be grueling and time consuming, sources said.

"It's like a needle in a haystack going through this," said an aide to a member of Congress affected by the BRAC. "We still don't know if we have all the information."

A House aide who has reviewed the information noted that "dumping data on people so they drown in their own information is not helpful, it's not a success."

Congressional staffers and lobbyists representing local communities also have voiced frustrations in searching for information pertaining to specific bases.

"It was like somebody took an MBA course in how to make things difficult," said Barry Rhoads, president of the Rhoads Group and a staff member on the 1991 BRAC commission.

Retired Army Brig. Gen. Philip Browning has already printed out enough information from the Defense Department's Web site to fill 10 thick binders with Army installation data, which he is searching for Georgia-specific base data.

"The bottom line now is that it's just a ton of material. And I'm not being critical; I have to admire it," said Browning, who now sits on the Georgia Military Affairs Coordinating Committee.

For the last several weeks, lawmakers have prodded the Pentagon to release all its BRAC-related information quickly, to give congressional staff and local communities adequate time to review the reasoning behind the department's recommendations.

Earlier this week, Senate Homeland Security and Governmental Affairs Chairwoman Collins and ranking member Joseph Lieberman, D-Conn., issued a subpoena requiring the Pentagon to turn over all BRAC information by Monday.

The Pentagon made public much of the information late last month, but has not finished scrubbing all documents for classified information.

At the same time, they must upload the documents on the department's Web site, a timely endeavor, a Pentagon spokeswoman said Thursday.

So far, the department has posted on its site justifications and analyses of each of the 222 recommendations, as well as reports from each of the services and cross-service groups.

Congress still is awaiting additional information on military-value scores, which were the Pentagon's primary consideration in making the base-closure recommendations. "Without that, you can't challenge the scoring and thus have no way of making an argument," the House aide said.

Official: BRAC List Not Gospel
20% of sites may avert closure, commissioner says at Port visit
Florida Today
Patrick Peterson
June 10, 2005

Use of these articles does not reflect official endorsement.
Reproduction for private use or gain is subject to original copyright restrictions.

PORT CANAVERAL - Some 15 to 20 percent of military bases scheduled for closing could be spared by the Base Realignment and Closure commission, said former U.S. Rep. James Bilbray, a BRAC commission member.

Bilbray toured the Navy Ordnance Test Unit at the Port on Thursday to help the commission decide whether it will remain on the closure list that will be sent to President Bush by Sept. 8.

Bilbray did not hint whether he would recommend that the Brevard County installation, considered a tenant of Patrick Air Force Base, remain open.

The Space Coast could lose 135 military and 59 civil-service jobs by 2007, while another 400 civilian jobs also are at risk, if the submarine unit closes. Weapons on subs are calibrated there.

"Once you close (a base), you're not going to get it back," said Bilbray of Nevada, a Bush appointee and attorney who specializes in government issues.

About 50 Space Coast citizens demonstrated to support the base as Bilbray entered a press conference.

The actual cost of relocating the base would be three times the estimated $100 million, said demonstrator Keith Houston, board member of the Space Coast Defense Alliance.

"It's not as simple as moving a small Navy base," he added.

Houston said the Port Canaveral location allows subs quick access to deep water. A submarine can leave the port, submerge in deep water and return to port in one day. From other Atlantic ports, deep water is more than a day's travel.

The Navy plans to move the Naval Ordnance Test Unit to King's Bay, Ga., in 2008.

Bilbray admitted that the cost of moving military bases often is underestimated. He added that the need for military bases in the U.S. could increase to accommodate an estimated 70,000 troops and 100,000 dependents based in Europe who are slated to return.

Federal maintenance of the channel would continue, even if the Navy leaves, said Stan Payne, Canaveral Port Authority chief executive officer.

The Naval base, with its turning basin, might be used for commercial expansion.

"It would seem to be an area we would be interested in," Payne said.

Senators meet with BRAC commissioner
The Associated Press
June 10, 2005

A member of the Base Realignment and Closure Commission has assured New Mexico's two senators that data behind the Pentagon's decision to recommend the closure of Cannon Air Force Base would be closely scrutinized before the base's fate is decided.

Sens. Pete Domenici, R-N.M., and Jeff Bingaman, D-N.M., said they received the assurance from retired Brig. Gen. Sue Turner during a telephone call Thursday to discuss the base and the commission's upcoming hearing in Clovis.

The senators told Turner they are concerned about the economic impact that closing the base would have on eastern New Mexico and West Texas.

They also said Cannon is the only spot in the nation where airspace is increasing. The Air Force has been working to expand the training range around Cannon - both in space and supersonic capabilities. The base's supporters have expressed frustration that the Pentagon did not take the planned expansion into account in its analysis.

"The more we review the data the Pentagon is giving us for wanting to close Cannon, the more skeptical I become that the justifications have

Use of these articles does not reflect official endorsement.
Reproduction for private use or gain is subject to original copyright restrictions.

DCN:11673

CONTENTS

TECH - 12 Naval Ordnance Test Unit

Not Used

A

B

C

D

DOD Baseline COBRA E

Commission Revisions to Baseline COBRA F

Community Revisions to Baseline COBRA G

Report from Community re: NOTU COBRA H

Base Visit Report to NOTU I

Base Visit Information Handouts J

Community Input re: NOTU K

Memorandum of Meeting with Community Reps L

DoD Response to Clearing House Questions M

News Articles re: NOTU Base Visit N

O

P

Q

R

S

T

U

V

W

X

Y

Z

OneStep® INDEX SYSTEM