I certify that the information contained herein is accurate and complete to the best of myknowledge and belief.

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print) _____ Signature _____

Title _____ Date _____

Activity _____

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print) _____ Signature _____

Title _____ Date _____

Activity _____

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

MAJOR CLAIMANT LEVEL

W. C. Bowes, VADM, USN
NAME (please type or print)

Signature

Commander
Title

21 Feb 95
Date

Naval Air Systems Command
Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

W. A. EARNER
NAME (Please type or print)

Signature

Title

2/22/95
Date

Base Loading Data Attachment
NAWCAD Indianapolis

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

In accordance with policy set forth by the Secretary of the Navy, personnel of the Department of the Navy, uniformed and civilian, who provide information for use in the BRAC-95 process are required to provide a signed certification that states "I certify that the information contained herein is accurate and complete to the best of my knowledge and belief."

The signing of this certification constitutes a representation that the certifying official has reviewed the information and either (1) personally vouches for its accuracy and completeness or (2) has possession of, and is relying upon, a certification executed by a competent subordinate.

Each individual in your activity generating informaiton for the BRAC-95 process must certify that information . Enclosure (1) is provided for individual certifications and may be duplicated as necessary. You are directed to maintain those certifications at your activity for audit purposes. For purposes of this certification sheet, the commander of the activity will begin the certification process and each reporting senior in the Chain of Command reviewing the information will also sign this certification sheet. This sheet must remain attached to this package and be forwarded up the Chain of Command. Copies must be retained by each level in the Chain of Command for audit purposes.

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

ACTIVITY COMMANDER

W. E. Newman, RADM, USN
NAME (Please type or print)

W E Newman
Signature

Commander
Title

2/21/95
Date

Naval Air Warfare Center
Activity

BRAC-95 SCENARIO DEVELOPMENT DATA CALL
ATTACHMENT 1: BASE LOADING DATA

Activity: 00163 NAVAIRWARCENACDIV INDIANAPOLIS

PART 1: MANPOWER DATA - HOST AND TENANTS. This data is provided to assist you in identifying military billets and civilian positions which will either be relocated or eliminated as a result of closure or realignment. Officer (OFF), Enlisted (ENL) and Civilian (CIV) numbers reflect end strength, not on-board counts. The "Planned Force Structure Reduction" column represents the difference between projected "Beginning of FY 1996" and projected "End of FY 2001" end strength. The source of this data is the BUPERS/NAVCOMPT/CMC data bases in support of the FY 1996/1997 OSD Submit. Review this list and make any necessary annotations, including the addition or deletion of lines of data to accurately reflect the host and tenant population. Note that Military Students (STU) must be shown as an Average On-Board (AOB) count. If a significant student population is located at the activity, then all students need to be identified in this table. Student data need only be provided for the "End of FY 2001" column of the table. If any numbers are changed, please provide a revised set of totals at the end of the listing.

UIC	NAME	MAJOR CLAIMANT	BEGIN FY 1996 OFF	BEGIN FY 1996 ENL	BEGIN FY 1996 CIV	BEGIN FY 1996 STU	PLANNED FORCE STRUCTURE CHANGES OFF	PLANNED FORCE STRUCTURE CHANGES ENL	PLANNED FORCE STRUCTURE CHANGES CIV	PLANNED FORCE STRUCTURE CHANGES STU	END FY 2001 OFF	END FY 2001 ENL	END FY 2001 CIV	END FY 2001 STU
N 00163	NAVAIRWARCENACDIV	COMNAVAIRSYSC	8	13	2,796	0	0	+4 ~~0~~	-234	0	8	~~18~~ 17	2,562	0
~~N 00375~~	~~MIL ENT PROG STA INDIANAPOLIS~~	~~BUPERS~~	~~2~~	~~6~~	~~0~~	~~0~~	~~0~~	~~0~~	~~0~~	~~0~~	~~2~~	~~6~~	~~0~~	~~0~~
N 43050	PERSONNEL SUPPORT ACTIVITY	CINCLANTFLT	1	~~0~~ 10	5	0	0	0	0	0	1	~~0~~ 10	5	0
~~N 00163~~	~~MCREP ALLISON GAS INDIANA~~	~~COMMARCOR~~	~~1~~	~~1~~	~~0~~	~~0~~	~~0~~	~~0~~	~~0~~	~~0~~	~~1~~	~~1~~	~~0~~	~~0~~
N 47796	NAVAIRWARCENACDIV NAG	COMNAVAIRSYSC	0	2	0	0	0	-2	0	0	0	0	0	0
→ N 62849	NAVAL AVIATION ENGINEERING	COMNAVAIRSYSC	0	0	2	0	0	0	-1	0	0	0	1	0
00421	NAWC PATUXENT RIVER	COMNAVAIRSYSC	0	0	38	0	0	0	0	0	0	0	38	0
N 00421	NAWCAD HUMAN RESOURCES	COMNAVAIRSYSC	0	0	0	0	0	0	0	0	0	0	0	0
→ N 45208	NORTHERN DIVISION CONTRACTS	COMNAVFAC	0	0	~~0~~ 5	0	0	0	0	0	0	0	~~0~~ 5	0
~~00164~~	~~NSWC CRANE INDIANAPOLIS DET~~	~~COMNAVSEASYS~~	~~0~~	~~0~~	~~0~~	~~0~~	~~0~~	~~0~~	~~-1~~	~~0~~	~~0~~	~~0~~	~~0~~	~~0~~
N 43635	DEFENSE PRINTING SERVICE	COMNAVSUPSYS	0	0	13	0	0	0	-5	0	0	0	8	0
N 44959	DFAS HQ MILITARY PERSONNEL	DFAS	0	1	0	0	0	0	0	0	0	.1*	0	0
N 42919	NAVAL CRIMINAL INVESTIGATIVE	SECNAV	0	0	~~0~~ 1	0	0	0	0	0	0	0	~~0~~ 1	0
N 46771	NCISRU	SECNAV	0	0	0	0	0	0	0	0	0	0	0	0
		TOTALS:	~~12~~ 9	~~32~~ 26	~~2,860~~ 2860	0	0	-2	~~-241~~ -240	0	~~12~~ 9	~~30~~ 28	~~2,822~~ 2620	0

9 27* 2620

* DFAS NOT INCLUDED PER BSAT IN RESPONSE TO CLARIFICATION SO2

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PRE-DECISIONAL INFORMATION

NOV-18-1994 11:30 FROM TO 96041859 P.10

BRAC-95 SCENARIO DEVELOPMENT DATA CALL
ATTACHMENT 1: BASE LOADING DATA

PART 2: MANPOWER DATA - DETACHMENTS. This is a list of detachments belonging to the activity being considered for closure or realignment. Please review this list and determine which, if any, of these detachments will also be closed as a result of this action. If so, note this fact in the "Closed?" column, and then identify the fiscal year in which the detachment will be closed. For any detachments which will be closed, corresponding numbers of billets/positions must be incorporated both into the "End FY 2001 Activity Population" and also the "Eliminated and Relocated Billets/Positions" data in your data call response. Manpower numbers shown below reflect Data Call 1 estimates. Please ensure that accurate "End of FY 2001" data is used in your response; as well as ensuring that you do not double count any numbers already shown on Part 1 of this attachment.

UIC	NAME	MAJOR CLAIMANT	CITY	STATE	OFF	ENL	CIV	Non-DOD	CLOSED?	FY
00000	NAVAL AVIONICS CENTER	COMNAVAIRSYSC	DAYTON	OH	0	0	0	0	Yes	94
N48865	NAWCAD INDIANAPOLIS	COMNAVAIRSYSC	ALAMEDA	CA	0	4 ~~0~~	0	0	Yes	97
N48576	NAWCEA INDIANAPOLIS FIT	COMNAVAIRSYSC	DALGHREN	VA	0	0	0	0	Yes	94
				TOTALS:	0	4 ~~0~~	0	0		

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PRE-DECISIONAL INFORMATION

Indy 2 of 6

BRAC-95 SCENARIO DEVELOPMENT DATA CALL
ATTACHMENT 1: BASE LOADING DATA

PART 3: MANPOWER DATA - SPECIAL USE AREAS. This is a list of "special use areas" assigned to the activity being considered for closure or realignment. Please review this list and determine which, if any, of these special use areas will also be closed as a result of this action. If so, note this fact in the "Closed?" column, and then identify the fiscal year in which the area will be closed. For any special use areas which will be closed, corresponding numbers of billets/positions must be incorporated both into the "End FY 2001 Activity Population" and also the "Eliminated and Relocated Billets/Positions" data in your data call response. Manpower estimates shown below reflect Data Call 1 estimates. Please ensure that accurate "End of FY 2001" data is used in your response; as well as ensuring that you do not double count any numbers already shown on Part 1 of this

UIC	NAME	MAJOR CLAIMANT	CITY	STATE	OFF	ENL	CIV	Non-DOD	CLOSED?	FY
N00163	DEFENSE ELECTRONICS SUPPLY	COMNAVAIRSYSC	DAYTON	OH	0	0	0	0		
N00163	ELECTRONIC MANUFACTURING	COMNAVAIRSYSC	INDIANAPOLIS	IN	0	0	0	0		
N00163	HAM'S BLUFF (SONOBUOY	COMNAVAIRSYSC	ST. CROIX	VI	0	0	0	0		
N00163	OFFICE SPACE	COMNAVAIRSYSC	INDIANAPOLIS	IN	0	0	0	0		
N00163	PUBLIC WORKS WAREHOUSE	COMNAVAIRSYSC	INDIANAPOLIS	IN	0	0	0	0		
N00163	TEMPORARY LODGING (1 UNIT)	COMNAVAIRSYSC	NORFOLK	VA	0	0	0	0		
N00163	TEMPORARY LODGING (1 UNIT)	COMNAVAIRSYSC	SAN DIEGO	CA	0	0	0	0		
N00163	TEMPORARY LODGING (9 UNITS)	COMNAVAIRSYSC	ARLINGTON	VA	0	0	0	0		
				TOTALS:	0	0	0	0		

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PREDECISIONAL INFORMATION

Indy 3 of 6

NOV-18-1992 11:31 FROM 96041859 P.12 TO

BRAC-95 SCENARIO DEVELOPMENT DATA CALL
ATTACHMENT 1: BASE LOADING DATA

PART 4: MANPOWER DATA - NON-DEPARTMENT OF THE NAVY (DON) TENANTS. This is a list of non-DON tenant activities located at the installation. If any of these tenants need to be relocated as a result of the closure/realignment action, then identify the number of billets/positions to be relocated, the fiscal year in which the relocation will take place, and the name/location of the receiving site. Manpower numbers associated with these relocations must then be incorporated into the total "End FY 2001 Activity Population" and the "Relocated Billets/Positions" data in the data call response. Manpower numbers shown below reflect Data Call 1 estimates. Please ensure that accurate "End of FY 2001"

UIC	NAME	MAJOR CLAIMANT	OFF	ENL	CIV	Non-DOD	FY	RECEIVING BASE
D 00000	DEFENSE FINANCE ACCOUNTING	unknown	0	0	11	0	00	
X 00000	SMALL BUSINESS ADMINISTRATION	unknown	0	0	~~01~~	0	94	Closed by SBA
		TOTALS:	0	0	11 ~~12~~	0		

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PRE-DECISIONAL INFORMATION

Indy 4 of 6

BRAC-95 SCENARIO DEVELOPMENT DATA CALL
ATTACHMENT 1: BASE LOADING DATA

PART 5: TOTAL FACILITY SQUARE FEET. This is the total Class 2 facility square feet, excluding family housing, MWR and utilities, as reported in the Naval Facilities Assets Data Base (NFADB). This figure is used in determining the number of square feet which will be "shut down" as a result of the closure action.

Total Facility Square Feet (in thousands): ~~940~~ 1,029 K

PART 6: BASE OPERATING SUPPORT (BOS) COST DATA. This is the total BOS costs reported for the host and tenant activities in Data Call 66. Please review this data and ensure that it is consistent with FY 1996 OSD Submit budget data. If BOS cost data needs to be revised, specific revisions should be noted on a revised copy of the appropriate Data Call 66 table(s), which should then be returned with this data call response.

			***** O&M, etc. *****				***** DBOF *****				***** TOTAL *****			
UIC	NAME	MAJOR CLAIMANT	RPMA NONPAY	RPMA PAY	OBOS NONPAY	OBOS PAY	RPMA NONPAY	RPMA PAY	OBOS NONPAY	OBOS PAY	RPMA NONPAY	RPMA PAY	OBOS NONPAY	OBOS PAY
~~43650~~	PERSONNEL SUPPORT ACTIVITY	CINCLANTFLT	0	0	49	541	0	0	0	0	0	0	49	541
43635	DEFENSE PRINTING SERVICE	COMNAVSUPSYSCO	0	0	0	0	6	0	28	0	6	0	28	0
00163	NAVAIRWARCENACDIV	COMNAVAIRSYSCO	0	0	0	0	763	2958	20948	19359	763	2958	20948	19359
		TOTALS:	0	0	49	541	769	2958	20976	19359	769	2958	21025	19900

Indy 5 of 6

BRAC-95 SCENARIO DEVELOPMENT DATA CALL
ATTACHMENT 1: BASE LOADING DATA

PART 7: CONTRACT WORKYEAR DATA. This is the total contract workyear data reported by the host and tenant activities in Data Call 66. Please review this data, especially the columns regarding contract workyears which will either be eliminated or transferred as a result of the closure/realignment action. Sum of workyears transferred + eliminated + remaining at activity must equal Total Contract Workyears. Annotate corrections as necessary.

UIC	NAME	MAJOR CLAIMANT	TOTAL CONTRACT WORKYEARS	NO. OF WORK-YEARS TO BE TRANSFERRED	NO. OF WORK-YEARS TO BE ELIMINATED	NO. OF WORK-YEARS REMAINING AT ACTIVITY
43050	PERSONNEL SUPPORT ACTIVITY	CINCLANTFLT	0	0	0	0
43635	DEFENSE PRINTING SERVICE	COMNAVSUPSYS	0	0	0	0
00163	NAVAIRWARCENACDIV INDIANAPOLIS	COMNAVAIRSYSC	185	152	33	0
		TOTALS:	185	152	33	0

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PREDECISIONAL INFORMATION

Indy 6 of 6

Base Loading Data Attachment
NAWCAD Indianapolis

I certify that the information contained herein is accurate and complete to the best of myknowledge and belief.

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print) _____ Signature _____

Title _____ Date _____

Activity _____

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print) _____ Signature _____

Title _____ Date _____

Activity _____

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

MAJOR CLAIMANT LEVEL

W. C. Bowes, VADM, USN
NAME (please type or print)

Signature

Commander
Title

21 Feb 95
Date

Naval Air Systems Command
Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

W. A. EARNER
NAME (Please type or print)

Signature

Title

2/22/95
Date

Base Loading Data Attachment
NAWCAD Indianapolis

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

In accordance with policy set forth by the Secretary of the Navy, personnel of the Department of the Navy, uniformed and civilian, who provide information for use in the BRAC-95 process are required to provide a signed certification that states "I certify that the information contained herein is accurate and complete to the best of my knowledge and belief."

The signing of this certification constitutes a representation that the certifying official has reviewed the information and either (1) personally vouches for its accuracy and completeness or (2) has possession of, and is relying upon, a certification executed by a competent subordinate.

Each individual in your activity generating informaiton for the BRAC-95 process must certify that information . Enclosure (1) is provided for individual certifications and may be duplicated as necessary. You are directed to maintain those certifications at your activity for audit purposes. For purposes of this certification sheet, the commander of the activity will begin the certification process and each reporting senior in the Chain of Command reviewing the information will also sign this certification sheet. This sheet must remain attached to this package and be forwarded up the Chain of Command. Copies must be retained by each level in the Chain of Command for audit purposes.

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

ACTIVITY COMMANDER

W. E. Newman, RADM, USN
NAME (Please type or print)

W E Newman
Signature

Commander
Title

2/21/95
Date

Naval Air Warfare Center
Activity

BRAC-95 SCENARIO DEVELOPMENT DATA CALL
ATTACHMENT 1: BASE LOADING DATA

Activity: 00163 NAVAIRWARCENACDIV INDIANAPOLIS

PART 1: MANPOWER DATA - HOST AND TENANTS. This data is provided to assist you in identifying military billets and civilian positions which will either be relocated or eliminated as a result of closure or realignment. Officer (OFF), Enlisted (ENL) and Civilian (CIV) numbers reflect end strength, not on-board counts. The "Planned Force Structure Reduction" column represents the difference between projected "Beginning of FY 1996" and projected "End of FY 2001" end strength. The source of this data is the BUPERS/NAVCOMPT/CMC data bases in support of the FY 1996/1997 OSD Submit. Review this list and make any necessary annotations, including the addition or deletion of lines of data to accurately reflect the host and tenant population. Note that Military Students (STU) must be shown as an Average On-Board (AOB) count. If a significant student population is located at the activity, then all students need to be identified in this table. Student data need only be provided for the "End of FY 2001" column of the table. If any numbers are changed, please provide a revised set of totals at the end of the listing.

UIC	NAME	MAJOR CLAIMANT	BEGIN FY 1996 OFF	BEGIN FY 1996 ENL	BEGIN FY 1996 CIV	BEGIN FY 1996 STU	PLANNED FORCE STRUCTURE CHANGES OFF	PLANNED FORCE STRUCTURE CHANGES ENL	PLANNED FORCE STRUCTURE CHANGES CIV	PLANNED FORCE STRUCTURE CHANGES STU	END FY 2001 OFF	END FY 2001 ENL	END FY 2001 CIV	END FY 2001 STU
* 00163	NAVAIRWARCENACDIV	COMNAVAIRSYSC	8	13	2,796	0	0	+4 ~~8~~	-234	0	8	~~15~~ 17	2,562	0
~~* 00575~~	~~MIL ENT PROC CTA INDIANAPOLIS~~	~~BUPERS~~	~~2~~	~~6~~	~~0~~	~~0~~	~~0~~	~~0~~	~~0~~	~~0~~	~~2~~	~~6~~	~~0~~	~~0~~
* 43050	PERSONNEL SUPPORT ACTIVITY	CINCLANTFLT	1	~~8~~ 10	5	0	0	0	0	0	1	~~8~~ 10	5	0
~~* 00163~~	~~MCREP ALLISON GAS INDIANA~~	~~COMMARCOR~~	~~1~~	~~1~~	~~0~~	~~0~~	~~0~~	~~0~~	~~0~~	~~0~~	~~1~~	~~1~~	~~0~~	~~0~~
* 47796	NAVAIRWARCENACDIV NAG	COMNAVAIRSYSC	0	2	0	0	0	-2	0	0	0	0	0	0
→ * 62849	NAVAL AVIATION ENGINEERING	COMNAVAIRSYSC	0	0	2	0	0	0	-1	0	0	0	1	0
00421	NAWC PATUXENT RIVER	COMNAVAIRSYSC	0	0	38	0	0	0	0	0	0	0	38	0
* 00421	NAWCAD HUMAN RESOURCES	COMNAVAIRSYSC	0	0	0	0	0	0	0	0	0	0	0	0
→ * 45208	NORTHERN DIVISION CONTRACTS	COMNAVFAC	0	0	~~8~~ 5	0	0	0	0	0	0	0	~~8~~ 5	0
~~00164~~	~~NSWC CRANE - INDIANAPOLIS DET~~	~~COMNAVSEASYS~~	~~0~~	~~0~~	~~0~~	~~0~~	~~0~~	~~0~~	~~-1~~	~~0~~	~~0~~	~~0~~	~~0~~	~~0~~
* 43635	DEFENSE PRINTING SERVICE	COMNAVSUPSYS	0	0	13	0	0	0	-5	0	0	0	8	0
* 44959	DFAS HQ MILITARY PERSONNEL	DFAS	0	1	0	0	0	0	0	0	0	.1*	0	0
* 42919	NAVAL CRIMINAL INVESTIGATIVE	SECNAV	0	0	~~8~~ 1	0	0	0	0	0	0	0	~~8~~ 1	0
* 46771	NCISRU	SECNAV	0	0	0	0	0	0	0	0	0	0	0	0
		TOTALS:	~~12~~ 9	~~31~~ 26	~~2,868~~ 2860	0	0	-2	~~-241~~ -240	0	~~12~~ 9	~~30~~ 28	~~2,622~~ 2620	0

9 27* 2620

* DFAS NOT INCLUDED PER BSAT IN RESPONSE TO CLARIFICATION SOR

FOR OFFICIAL USE ONLY
PRE-DECISIONAL INFORMATION

Indy 1 of 6

BRAC-95 SCENARIO DEVELOPMENT DATA CALL
ATTACHMENT 1: BASE LOADING DATA

PART 2: MANPOWER DATA - DETACHMENTS. This is a list of detachments belonging to the activity being considered for closure or realignment. Please review this list and determine which, if any, of these detachments will also be closed as a result of this action. If so, note this fact in the "Closed?" column, and then identify the fiscal year in which the detachment will be closed. For any detachments which will be closed, corresponding numbers of billets/positions must be incorporated both into the "End FY 2001 Activity Population" and also the "Eliminated and Relocated Billets/Positions" data in your data call response. Manpower numbers shown below reflect Data Call 1 estimates. Please ensure that accurate "End of FY 2001" data is used in your response; as well as ensuring that you do not double count any numbers already shown on Part 1 of this attachment.

UIC	NAME	MAJOR CLAIMANT	CITY	STATE	OFF	ENL	CIV	Non-DOD	CLOSED?	FY
00000	NAVAL AVIONICS CENTER	COMNAVAIRSYSC	DAYTON	OH	0	0	0	0	Yes	94
N48865	NAWCAD INDIANAPOLIS	COMNAVAIRSYSC	ALAMEDA	CA	0	4 ~~0~~	0	0	Yes	97
N48576	NAWCEA INDIANAPOLIS FIT	COMNAVAIRSYSC	DALGHREN	VA	0	0	0	0	Yes	94
				TOTALS:	0	4 ~~0~~	0	0		

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PRE-DECISIONAL INFORMATION

Indy 2 of 6

BRAC-95 SCENARIO DEVELOPMENT DATA CALL
ATTACHMENT 1: BASE LOADING DATA

PART 3: MANPOWER DATA - SPECIAL USE AREAS. This is a list of "special use areas" assigned to the activity being considered for closure or realignment. Please review this list and determine which, if any, of these special use areas will also be closed as a result of this action. If so, note this fact in the "Closed?" column, and then identify the fiscal year in which the area will be closed. For any special use areas which will be closed, corresponding numbers of billets/positions must be incorporated both into the "End FY 2001 Activity Population" and also the "Eliminated and Relocated Billets/Positions" data in your data call response. Manpower estimates shown below reflect Data Call 1 estimates. Please ensure that accurate "End of FY 2001" data is used in your response; as well as ensuring that you do not double count any numbers already shown on Part 1 of this

UIC	NAME	MAJOR CLAIMANT	CITY	STATE	OFF	ENL	CIV	Non-DOD	CLOSED?	FY
N00163	DEFENSE ELECTRONICS SUPPLY	COMNAVAIRSYSCD	AYTON	OH	0	0	0	0		
N00163	ELECTRONIC MANUFACTURING	COMNAVAIRSYSCD	INDIANAPOLIS	IN	0	0	0	0		
N00163	HAM'S BLUFF (SONOBUOY	COMNAVAIRSYSCS	T. CROIX	VI	0	0	0	0		
N00163	OFFICE SPACE	COMNAVAIRSYSCD	INDIANAPOLIS	IN	0	0	0	0		
N00163	PUBLIC WORKS WAREHOUSE	COMNAVAIRSYSCD	INDIANAPOLIS	IN	0	0	0	0		
N00163	TEMPORARY LODGING (1 UNIT)	COMNAVAIRSYSCN	ORFOLK	VA	0	0	0	0		
N00163	TEMPORARY LODGING (1 UNIT)	COMNAVAIRSYSCS	AN DIEGO	CA	0	0	0	0		
N00163	TEMPORARY LODGING (9 UNITS)	COMNAVAIRSYSCA	RLINGTON	VA	0	0	0	0		
				TOTALS:	0	0	0	0		

FOR OFFICIAL USE ONLY
PREDECISIONAL INFORMATION

BRAC-95 SCENARIO DEVELOPMENT DATA CALL
ATTACHMENT 1: BASE LOADING DATA

PART 4: MANPOWER DATA - NON-DEPARTMENT OF THE NAVY (DON) TENANTS. This is a list of non-DON tenant activities located at the installation. If any of these tenants need to be relocated as a result of the closure/realignment action, then identify the number of billets/positions to be relocated, the fiscal year in which the relocation will take place, and the name/location of the receiving site. Manpower numbers associated with these relocations must then be incorporated into the total "End FY 2001 Activity Population" and the "Relocated Billets/Positions" data in the data call response. Manpower numbers shown below reflect Data Call 1 estimates. Please ensure that accurate "End of FY 2001"

UIC	NAME	MAJOR CLAIMANT	OFF	ENL	CIV	Non-DOD	FY	RECEIVING BASE
D 00000	DEFENSE FINANCE ACCOUNTING	unknown	0	0	11	0	00	
X 00000	SMALL BUSINESS ADMINISTRATION	unknown	0	0	~~0~~ 1	0	94	Closed by SBA
		TOTALS:	0	0	11 ~~12~~	0		

FOR OFFICIAL USE ONLY
PRE-DECISIONAL INFORMATION

Indy 4 of 6

BRAC-95 SCENARIO DEVELOPMENT DATA CALL
ATTACHMENT 1: BASE LOADING DATA

PART 5: TOTAL FACILITY SQUARE FEET. This is the total Class 2 facility square feet, excluding family housing, MWR and utilities, as reported in the Naval Facilities Assets Data Base (NFADB). This figure is used in determining the number of square feet which will be "shut down" as a result of the closure action.

Total Facility Square Feet (in thousands): ~~940~~ 1,029 K

PART 6: BASE OPERATING SUPPORT (BOS) COST DATA. This is the total BOS costs reported for the host and tenant activities in Data Call 66. Please review this data and ensure that it is consistent with FY 1996 OSD Submit budget data. If BOS cost data needs to be revised, specific revisions should be noted on a revised copy of the appropriate Data Call 66 table(s), which should then be returned with this data call response.

			***** O&M, etc. *****				***** DBOF *****				***** TOTAL *****			
UIC	NAME	MAJOR CLAIMANT	RPMA NONPAY	RPMA PAY	OBOS NONPAY	OBOS PAY	RPMA NONPAY	RPMA PAY	OBOS NONPAY	OBOS PAY	RPMA NONPAY	RPMA PAY	OBOS NONPAY	OBOS PAY
43050	PERSONNEL SUPPORT ACTIVITY	CINCLANTFLT	0	0	49	541	0	0	0	0	0	0	49	541
43635	DEFENSE PRINTING SERVICE	COMNAVSUPSYSCO	0	0	0	0	6	0	28	0	6	0	28	0
00163	NAVAIRWARCENACDIV	COMNAVAIRSYSCO	0	0	0	0	763	2958	20948	19359	763	2958	20948	19359
		TOTALS:	0	0	49	541	769	2958	20976	19359	769	2958	21025	19900

Indy 5 of 6

BRAC-95 SCENARIO DEVELOPMENT DATA CALL
ATTACHMENT 1: BASE LOADING DATA

PART 7: CONTRACT WORKYEAR DATA. This is the total contract workyear data reported by the host and tenant activities in Data Call 66. Please review this data, especially the columns regarding contract workyears which will either be eliminated or transferred as a result of the closure/realignment action. Sum of workyears transferred + eliminated + remaining at activity must equal Total Contract Workyears. Annotate corrections as necessary.

UIC	NAME	MAJOR CLAIMANT	TOTAL CONTRACT WORKYEARS	NO. OF WORK-YEARS TO BE TRANSFERRED	NO. OF WORK-YEARS TO BE ELIMINATED	NO. OF WORK-YEARS REMAINING AT ACTIVITY
43050	PERSONNEL SUPPORT ACTIVITY	CINCLANTFLT	0	0	0	0
43635	DEFENSE PRINTING SERVICE	COMNAVSUPSYS	0	0	0	0
00163	NAVAIRWARCENACDIV INDIANAPOLIS	COMNAVAIRSYSC	185	152	33	0
		TOTALS:	185	152	33	0

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PREDECISIONAL INFORMATION

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COMPARISON OF PERSONNEL RELOCATIONS FROM INDIANAPOLIS TO PATUXENT RIVER AND CHINA LAKE

INDIANAPOLIS SCENARIO 3-20-0161-028A/B

365 AIRCRAFT PERSONNEL TO PATUXENT RIVER
EP-3/ES-3 WSSA
V-22
TEAM LEADERS

80 WEAPONS PERSONNEL TO CHINA LAKE

INDIANAPOLIS SCENARIO 3-20-0161-028C

404 AIRCRAFT PERSONNEL TO CHINA LAKE
EP-3/ES-3
V-22
TEAM LEADERS
080 WEAPONS PERSONNEL TO CHINA LAKE
484 TOTAL PERSONNEL TO CHINA LAKE

INDIANAPOLIS SCENARIO 3-20-0161-028~~D~~ 2

145 AIRCRAFT PERSONNEL TO PATUXENT RIVER
V-22
TEAM LEADERS

220 AIRCRAFT PERSONNEL TO CHINA LAKE
EP-3/ES-3 WSSA
80 WEAPONS PERSONNEL TO CHINA LAKE
300 TOTAL PERSONNEL TO CHINA LAKE

COMPARISON OF PERSONNEL RELOCATIONS FROM INDIANAPOLIS TO PATUXENT RIVER AND CHINA LAKE

INDIANAPOLIS SCENARIO 3-20-0161-028A/B

365 AIRCRAFT PERSONNEL TO PATUXENT RIVER
EP-3/ES-3 WSSA
V-22
TEAM LEADERS

80 WEAPONS PERSONNEL TO CHINA LAKE

INDIANAPOLIS SCENARIO 3-20-0161-028C

404 AIRCRAFT PERSONNEL TO CHINA LAKE
EP-3/ES-3
V-22
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080 WEAPONS PERSONNEL TO CHINA LAKE
484 TOTAL PERSONNEL TO CHINA LAKE

INDIANAPOLIS SCENARIO 3-20-0161-028D

145 AIRCRAFT PERSONNEL TO PATUXENT RIVER
V-22
TEAM LEADERS

220 AIRCRAFT PERSONNEL TO CHINA LAKE
EP-3/ES-3 WSSA
80 WEAPONS PERSONNEL TO CHINA LAKE
300 TOTAL PERSONNEL TO CHINA LAKE

3-20-0161-028D

I certify that the information contained herein is accurate and complete to the best of myknowledge and belief.

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print) _____ Signature _____

Title _____ Date _____

Activity _____

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print) _____ Signature _____

Title _____ Date _____

Activity _____

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

MAJOR CLAIMANT LEVEL

W. C. Bowes, VADM, USN
NAME (please type or print)

Signature

Commander
Title

19 Jan 94
Date

Naval Air Systems Command
Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

W. A. EARNER
NAME (Please type or print)

Signature

Title

2/14/95
Date

3-20-0161-028D

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

In accordance with policy set forth by the Secretary of the Navy, personnel of the Department of the Navy, uniformed and civilian, who provide information for use in the BRAC-95 process are required to provide a signed certification that states "I certify that the information contained herein is accurate and complete to the best of my knowledge and belief."

The signing of this certification constitutes a representation that the certifying official has reviewed the information and either (1) personally vouches for its accuracy and completeness or (2) has possession of, and is relying upon, a certification executed by a competent subordinate.

Each individual in your activity generating informaiton for the BRAC-95 process must certify that information . Enclosure (1) is provided for individual certifications and may be duplicated as necessary. You are directed to maintain those certifications at your activity for audit purposes. For purposes of this certification sheet, the commander of the activity will begin the certification process and each reporting senior in the Chain of Command reviewing the information will also sign this certification sheet. This sheet must remain attached to this package and be forwarded up the Chain of Command. Copies must be retained by each level in the Chain of Command for audit purposes.

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

ACTIVITY COMMANDER

W. E. Newman, RADM, USN
NAME (Please type or print)

W E Newman
Signature

Commander
Title

1/19/95
Date

Naval Air Warfare Center
Activity

BRAC-95 SCENARIO DEVELOPMENT DATA CALL
Enclosure (1) - LOSING BASE QUESTIONS

Complete one copy of Enclosure (1) - Scenario Summary for the entire closure/realignment scenario. Tables included in this enclosure are 1-A, 1-B and 1-C.

Table 1-A: Scenario Description. Identify the Scenario Number, Title and Response Date. The Scenario Number and Title will be provided to you by the BSAT as part of the data call tasking.

Scenario No.:	**3-20-0161-028~~D~~ Z**
Scenario Title:	**NAWC Ind/Louis Alt 2**
Date:	**18 January 1995**

Table 1-B: Point of Contact Information. Please identify a knowledgeable point of contact familiar with the information relating to this closure/realignment scenario whom the BSAT can contact to answer any questions or to provide additional information as required. This point of contact must also be familiar with the location and name of the person responsible for maintaining any supporting documentation relating to this data call response.

Name:	**Robert Butcher**
Organization/ Code:	**41000G**
Office Phone Number:	**(317) 353-7801**
Fax Number:	**(317) 353-3772**
Home Phone Number:	**(317) 842-5483**

Table 1-C: Losing/Gaining Bases Involved in Scenario. Complete the table on the next page to identify "bases" involved in the closure/realignment scenario. Note that the term **"Losing Base"** refers to host activities, independent activities or other activities specifically identified in the Scenario Development Data Call tasking which are being reduced in size, i.e., closing or being realigned. The term **"Gaining Base"** refers to host or independent activities which will be receiving sites for functions/personnel transferred from losing base(s). For example, a losing base is the activity referred to in the data call tasking, i.e., a Naval Station, Hospital, etc. **Individual tenants should not be separately listed on this table**, e.g., Branch Medical Clinic, Personnel Support Detachment, etc. Individual tenants will, however, be specifically identified in

subsequent tables in the data call. The third column of the table should be used to identify relevant information regarding workload/missions to be transferred. For example, entries in this column should be short phrases such as, "missile workload", "ships", "F-14 squadrons", "tenants", etc., or to provide other clarifying information. This third column need only be completed to identify major components of the closure/realignment scenario, and should not be used to list all tenant names, etc.

Table 1-C: Losing/Gaining Bases Involved in Scenario

Losing Base(s)	Gaining Base(s)	Workload/Missions Transferring
NAWCAD Indianapolis	NSWC Crane	Prototyping/Manf.
		System Design/Acquisition
	NAWC Pax River	Team leaders; V-22 System Integration
	NAWC China Lake	Weapons System Design;
		EP-3/ES-3 WSSA, System Integration

Note: If an activity/function will be relocated into leased office space, please note this fact under the column, Gaining Base, e.g., "Washington, DC - Leased Space".

Complete a separate Enclosure (2) - Losing Base Questions for each "losing" base involved in the closure/realignment scenario. Make additional copies of this enclosure as necessary. Tables included in this enclosure are 2-A, 2-B, 2-C, 2-D, 2-E, and 2-F. Enter the Losing Base name in the block below:

Losing Base:	**NAWCAD Indianapolis**

The first five tables in this enclosure will be used to identify the movement and/or elimination of military billets and civilian positions. Data entered in Tables 2-B and 2-C will be transferred to Table 2-D and will be used to reconcile manpower totals at the losing base. The entire losing base workforce as shown on the annotated copy of the Base Loading Data Attachment must be accounted for in the Table 2-D reconciliation.

General Note on Tables 2-A and 2-B. A separate copy of both of these two tables must be completed for each pair of activities between which transfers of personnel, equipment or vehicles will occur. That is, a single enclosure (1) response may require multiple copies of tables 2-A and 2-B. For example, if the scenario involves the closure of NAVSTA A and relocation of personnel to NAVSTA B and NAVSTA C, then two tables will be completed, one for transfers from NAVSTA A to NAVSTA B and one for transfers from NAVSTA A to NAVSTA C. Note that for purposes of completing these tables, Losing Bases and Gaining Bases are defined as a host activity, independent activity or other activity specifically identified in the data call tasking. Separate tables will not be prepared for individual tenant activities, instead, tenant numbers will be incorporated into the table for the Losing Base. Be certain to identify the name of both the gaining and losing base. Make additional copies of these two tables as necessary.

Table 2-A: Disposition of Personnel - Detail Data.
Please review the Base Loading Data Attachment and annotate any corrections, as necessary. Using the data contained in the Base Loading Data Attachment, complete the table on the next page. For both the host and tenant activities, identify, by UIC, the number of billets/positions being relocated to the identified receiving site. Each UIC shown as a separate line on the Base Loading Data Attachment must be separately listed in Table 2-A. Drilling reservists will not be included in officer and enlisted billet fields. Military students must be separately distinguished from officer and enlisted billets in COBRA. The Base Loading Data Attachment includes an identification of military students. Annotate the Base Loading Data Attachment to identify any additional students not currently shown, and include these

corrected numbers in Table 2-A. Numbers of students are expressed as the estimated "Average On-Board" (AOB) which would be trained at the losing base in FY 2001 if a closure/realignment did not occur. Non-DON tenants must also be reviewed and a determination made as to whether the organization will be relocated. Relocating non-DON tenants must be included in the number of billets/positions identified as being transferred (and manpower totals adjusted accordingly). Disposition of tenant and reserve activities must be adequately coordinated.

Table 2-A: Disposition of Personnel - Detail Data

From Losing Base: NAWCAD Indianapolis

To Gaining Base: NSWC Crane

UIC	Name	Type	1996	1997	1998	1999	2000	2001	Total
00163	NAWCAD Indianapolis	Officer			1	1			2
		Enlisted							
		Civilian		50	462	465	150		1127
		Mil Stu							
45208	Southern Division Contracts	Officer							
		Enlisted							
		Civilian					5		5
		Mil Stu							
00421	NAWC AD Human Resources	Officer							
		Enlisted							
		Civilian		7	7	5			19
		Mil Stu							

Table 2-A: Disposition of Personnel - Detail Data (Continued)

From Losing Base: NAWCAD Indianapolis

To Gaining Base: NSWC Crane

UIC	Name	Type	1996	1997	1998	1999	2000	2001	Total
42919	NAVAL CRIMINAL INVESTIGATIVE SERVICE	Officer							
		Enlisted							
		Civilian	1						1
		Mil Stu							
	TOTAL	Officer			1	1			2
		Enlisted							
		Civilian	1	57	469	470	155		1152

Make additional copies of this table, or add rows to it, as necessary, to include each host/tenant activity which will be relocated.

Mil Stu = Military Students.

Table 2-A: Disposition of Personnel - Detail Data

From **Losing Base:** **NAWCAD Indianapolis**

To **Gaining Base:** **NAWC Pax River**

UIC	Name	Type	1996	1997	1998	1999	2000	2001	Total
00163	**NAWCAD Indianapolis**	Officer							
		Enlisted							
		Civilian			**70**	**75**			**145**
		Mil Stu							
		Officer							
		Enlisted							
		Civilian							
		Mil Stu							
		Officer							
		Enlisted							
		Civilian							
		Mil Stu							
		Officer							
		Enlisted							
		Civilian							
		Mil Stu							
		Officer							
		Enlisted							
		Civilian							
		Mil Stu							
	TOTAL	**Officer**							
		Enlisted							
		Civilian			**70**	**75**			**145**
		Mil Stu							

Make additional copies of this table, or add rows to it, as necessary, to include each host/tenant activity which will be relocated.

Mil Stu = Military Students.

Table 2-A: Disposition of Personnel - Detail Data

From **Losing Base:** **NAWCAD Indianapolis**

To **Gaining Base:** **NAWC China Lake**

UIC	Name	Type	1996	1997	1998	1999	2000	2001	Total
00163	**NAWCAD Indianapolis**	Officer				**1**			**1**
		Enlisted				**17**			**17**
		Civilian			**100**	**181**			**281**
		Mil Stu							
62849	**Naval Aviation Engineering Service Unit**	Officer							
		Enlisted							
		Civilian				1			1
		Mil Stu							
		Officer							
		Enlisted							
		Civilian							
		Mil Stu							
		Officer							
		Enlisted							
		Civilian							
		Mil Stu							
		Officer							
		Enlisted							
		Civilian							
		Mil Stu							
	TOTAL	**Officer**				**1**			**1**
		Enlisted				**17**			**17**
		Civilian			**100**	**182**			**282**
		Mil Stu							

Make additional copies of this table, or add rows to it, as necessary, to include each host/tenant activity which will be relocated.

Mil Stu = Military Students.

Table 2-A: Disposition of Personnel - Detail Data

From **Losing Base:** **NAWCAD Indianapolis**

To **Gaining Base:** **Unknown**

UIC	Name	Type	1996	1997	1998	1999	2000	2001	Total
48983	**Defense Printing Service**	Officer							
		Enlisted							
		Civilian			**2**	**4**	**2**		**8**
		Mil Stu							
	TOTAL	Officer							
		Enlisted							
		Civilian			**2**	**4**	**2**		**8**
		Mil Stu							

Table 2-A: Disposition of Personnel - Detail Data

From **Losing Base:** **NAWCAD Indianapolis**									
To **Gaining Base:** **NAVSTA Great Lakes**									
UIC	Name	Type	1996	1997	1998	1999	2000	2001	Total
43050	Personnel Support Activity	Officer							
		Enlisted					10		10
		Civilian					5		5
		Mil Stu							
	TOTAL	Officer							
		Enlisted					10		10
		Civilian					5		5
		Mil Stu							

Table 2-B: Disposition of Personnel and Equipment - Summary. Complete the table on the next page to summarize the transfer of equipment and personnel. Personnel numbers must match summary data shown in Table 2-A. Remember that, as with Table 2-A, a separate Table 2-B must be completed for each combination of losing/gaining bases. The following explanatory information is provided.

a. Disposition of Personnel. Transfer the summary relocation data shown at the bottom of the corresponding Table 2-A.

b. Disposition of Equipment. Identify the transfer of equipment and vehicles from one activity to another. **Do not include equipment which will be excessed.** The following explanatory notes are provided:

Mission and Support Equipment: The terms "Mission" and "Support" are provided as broad general terms to distinguish between the types of equipment which will be shipped. In terms of the COBRA moving algorithms, whether equipment is listed under

"Mission" or "Support" is irrelevant. Consequently, more attention should be given to identifying the total number of tons which will need to be shipped, rather than spending too much time refining the breakout of mission vs. support equipment. Note that these figures should not include administrative equipment, which is already included in COBRA algorithms at the rate of 710 pounds per military billet or civilian position being relocated.

Light Vehicles: Light vehicles are defined as vehicles that will be **driven** to the new location.

Heavy Vehicles: Heavy vehicles are defined as vehicles which will be **shipped** to the new location.

Remember to complete the "Supporting Data" section which immediately follows the table.

Indianapolis provides products and services deemed critical by a broad base of Navy customers. The role played takes several forms:

Specialized Acquisition Support - Helping the program manager be successful through the application of integrated engineering, logistics, procurement, quality assurance, and prototyping capabilities to provide for the definition and acquisition of cost effective military systems. Through these and other essential efforts hundreds of millions of dollars have been saved on programs such as the Standard Airborne Computer, Sonobuoys, and T-45.

Tailored Assistance to Industry partners - Helping the contractor meet the Navy's needs by providing hands on engineering and industrial knowledge and technologies to resolve acquisition problems and assist commercial sources in providing affordable, producible military equipment. Weight reduction in the V-22 of 370 lb. per aircraft will save money and increase system reliability over the aircraft system life cycle.

Rapid Operational Solutions for the Fleet - Helping the fleet accomplish its mission through the rapid design, development, initial fabrication and acquisition of urgently needed Fleet requirements which cannot be provided through normal acquisition channels. Resolution of landing safety problems on the AV-8B were resolved by the quick response delivery of the Optical Landing System.

Keeping the above capabilities by transferring only essential workload will retain the ability to provide smart buyer support to the program manager and quick response to meet Fleet needs, while contracting fabrication capability to help maintain the industrial base.

Moving the V-22 Systems Integration and NAVAIR Team leadership to Patuxent River would, in general, integrate these projects with the Air RDT&E community and offer synergism across basic skills, facilities and competencies. Specific project benefits would be to co-locate the V-22 project team. Key personnel supporting Naval Aviation programs, including team leaders, deputy program managers, and senior systems engineers are being transferred to Patuxent River to be co-located with program teams already consolidated there.

Moving the EP-3/ES-3 WSSA and systems integration programs, as well as selected Aircraft Electronic Systems Design and acquisition programs, to China Lake would gain communications efficiencies with aircraft program offices, weapons program offices, and WSSA's that are co-located there. This work is in the area of weapons electronic system design/acquisition and producibility improvements. The Indianapolis expertise in the producibility area would have to be developed at China Lake.

Moving selected Electronics Prototyping and Aircraft Electronic Systems Design and Acquisition efforts to Crane will take advantage of the complimentary functional and life cycle roles in electronics system engineering and acquisition. In addition since Indianapolis works primarily with aviation electronics and Crane works with shipboard electronics the opportunity exists for combined "Air and Surface" organization to support future Navy needs for commonality, standardization, and affordably. Co-location of essential Indianapolis workload at Crane would create full life cycle electronics engineering and acquisition capability with the added benefit of minimizing relocation costs as a result of common/complementary resources and facilities. Crane and Indianapolis also provide support to many of the same programs including Sonobuoy, NGCR, SHARP, ALQ-99, BQS-15, ASW, EW, GPS, Trident, Manufacturing Technology and numerous others. Co-locating program personnel, facilities, and other resources will lead to obvious synergism and significant efficiencies. The realignment will also provide a critical mass of talent to impact development and application of Dual Use and Commercial Technologies.

Table 2-B: Disposition of Personnel and Equipment - Summary

From **Losing** Base: **NAWCAD Indianapolis**							
To **Gaining** Base: **NSWC Crane**							
	1996	1997	1998	1999	2000	2001	Total
Officer Billets			**1**	**1**			**2**
Enlisted Billets							
Civilian Positions	**1**	**57**	**469**	**470**	**155**		**1152**
Military Students							
Tons of Mission Equipment			**1237**	**2037**			**3274**
Tons of Support Equipment							
Number of Light Vehicles	**1**			**26**			**27**
Number of Heavy Vehicles				**41**			**41**

Supporting Data for Table 2-B. Use the space below to list the types of Mission Equipment, Support Equipment, Light Vehicles and Heavy Vehicles identified as required to be relocated in Table 2-B and the rationale for relocating this equipment. Attach additional sheets as necessary.

Type of Equipment/Vehicles	Rationale for Relocating
3,274	Tons of mission equipment Are used in direct support of the Prototype/ manufacturing, and systems design/acquisition that are necessary functions being transferred to NSWC Crane.
27	Light vehicles are used by the employees of NAWCAD Indianapolis. These vehicles would continue to be required by the employees while performing their functions at NSWC Crane.
41	Heavy vehicles are required to support the functions transferring to NSWC Crane.

Table 2-B: Disposition of Personnel and Equipment - Summary

From **Losing** Base: **NAWCAD Indianapolis**							
To **Gaining** Base: **NAWC Pax River**							
	1996	1997	1998	1999	2000	2001	Total
Officer Billets							
Enlisted Billets							
Civilian Positions			**70**	**75**			**145**
Military Students							
Tons of Mission Equipment				**20**			**20**
Tons of Support Equipment							
Number of Light Vehicles							
Number of Heavy Vehicles							

Supporting Data for Table 2-B. Use the space below to list the types of Mission Equipment, Support Equipment, Light Vehicles and Heavy Vehicles identified as required to be relocated in Table 2-B and the rationale for relocating this equipment. Attach additional sheets as necessary.

Type of Equipment/Vehicles	Rationale for Relocating
20	**Tons of mission equipment are used in direct support of the V-22 Systems Integration functions that are being transferred to NAWC Pax River.**

Table 2-B: Disposition of Personnel and Equipment - Summary

From **Losing** Base: **NAWCAD Indianapolis**							
To **Gaining** Base: **NAWC China Lake**							
	1996	1997	1998	1999	2000	2001	Total
Officer Billets				**1**			**1**
Enlisted Billets				**17**			**17**
Civilian Positions			**100**	**182**			**282**
Military Students							
Tons of Mission Equipment				**185**			**185**
Tons of Support Equipment							
Number of Light Vehicles							
Number of Heavy Vehicles							

Supporting Data for Table 2-B. Use the space below to list the types of Mission Equipment, Support Equipment, Light Vehicles and Heavy Vehicles identified as required to be relocated in Table 2-B and the rationale for relocating this equipment. Attach additional sheets as necessary.

Type of Equipment/Vehicles	Rationale for Relocating
185	**Tons of mission equipment are used in direct support of Weapon Systems design and EP-3/ES-3 WSSA functions being transferred to NAWC China Lake.**

Table 2-B: Disposition of Personnel and Equipment - Summary

From **Losing** Base: **NAWCAD Indianapolis**							
To **Gaining** Base: **NAVSTA Great Lakes**							
	1996	1997	1998	1999	2000	2001	Total
Officer Billets					**0**		**0**
Enlisted Billets					**10**		**10**
Civilian Positions					**5**		**5**
Military Students							
Tons of Mission Equipment							
Tons of Support Equipment							
Number of Light Vehicles							
Number of Heavy Vehicles							

Table 2-B: Disposition of Personnel and Equipment - Summary

From **Losing** Base: **NAWCAD Indianapolis**							
To **Gaining** Base: **Unknown**							
	1996	1997	1998	1999	2000	2001	Total
Officer Billets							
Enlisted Billets							
Civilian Positions			**2**	**4**	**2**		**8**
Military Students							
Tons of Mission Equipment							
Tons of Support Equipment							
Number of Light Vehicles							
Number of Heavy Vehicles							

Table 2-C: Eliminated Billets/Positions

Using the Base Loading Data Attachment, identify, by UIC, for both the host and tenant activities, the number of military billets and/or civilian positions which will be eliminated as a result of the closure/realignment scenario. For each UIC on the Base Loading Data Attachment where military billets and/or civilian positions will be eliminated, make a separate entry on Table 2-C. Identify the number of Officer Billets, Enlisted Billets and/or Civilian Positions which will be eliminated in each Fiscal Year. Note that for a total closure scenario, the total number of billets/positions moved plus those eliminated must equal the entire workforce at the activity as of the end of FY 2001 as shown on Base Loading Data Attachment. Numbers entered here should reflect a thorough review of staffing requirements at both the losing and receiving sites, and include all potential job elimination's which would result from consolidation efficiencies, economies of scale, etc. Reductions should reflect both overhead/support eliminations and direct labor eliminations, as appropriate. Eliminations should be entered in the year(s) in which they are expected to occur, for example, if 80 civilian positions will be eliminated in FY 2000 and an additional 50 positions will be eliminated in FY 2001, then enter the data as follows: FY 1996 - 1999 = 0, FY 2000 = 80, FY 2001 = 50, Total = 130. **Do not identify any of the following as eliminated billets/positions in Table 2-C:**

- Planned Force Structure Reductions (FY 1996 through 2001).
- Military Students.
- Non-DON tenants.

Drilling reservists should also not be included in numbers of eliminated billets. Disposition of any tenant or reserve activities must be adequately coordinated.

Table 2-C: Eliminated Billets/Positions

Losing Base Name: NAWCAD Indianapolis									
UIC	Name	Type	1996	1997	1998	1999	2000	2001	Total
43050	Personnel Support Activity	Officer					1		1
		Enlisted					0		0
		Civilian					0		0
00421	NAWC AD Human Resources	Officer							
		Enlisted							
		Civilian					19		19
		Officer							
		Enlisted							
		Civilian							
00163	NAWC AD Indianapolis	Officer					5		5
		Enlisted							
		Civilian				786	223		1009
	TOTAL	Officer					6		6
		Enlisted					0		0
		Civilian				786	242		1028

Make additional copies of this table, or add rows to it, as necessary, to include each host/tenant activity with eliminated positions/billets.

Table 2-D: Manpower Reconciliation Data. It is imperative that all manpower is accurately accounted for in the closure/realignment scenario. Using the data from the Base Loading Data Attachment and Tables 2-B and 2-C, complete the "reconciliation" table shown on the next page. Note that Line C of the table should include any changes in manpower resulting from the implementation of prior BRAC actions at the base. These changes should also be annotated on the Base Loading Data Attachment and reflected in Line D of the table, "End FY 2001".

(see next page)

Table 2-D: Manpower Reconciliation Data

	Officers	Enlisted	Civilians	Mil Stu	Total
A. Begin FY 1996:	9	25	2860	0	2894
B. Force Structure Changes (+/-):	0	2	-240	0	-238
C. Prior BRAC Changes (+/-):	0	0	0	0	0
D. End FY 2001:	9	27	2620	0	2656
Moving to (List each Gaining Base):					
1. **NSWC Crane**	2		1152		1154
2. **NAWC Pax**			145		145
3. **NAWC China Lake**	1	17	282		300
4. **NAVSTA Great Lakes**		10	5		15
5. **Unknown**			8		8
6.					
7.					
8.					
9.					
10.					
E. Total Billets/Positions Moving:	3	27	1592		1622
F. Eliminated Billets/Positions:	6	0	1028		1034
G. Remaining at Losing Base:	0	0	0	0	0
H. Sum of Lines E, F, and G:	9	27	2620		2656

Notes: Do not fill in shaded cells. **Double check** your work. **Line H** (which is the sum of number of billets/positions moving, eliminated and remaining at the Losing Base) **must equal Line D** (the number of billets/positions at the end of FY 2001).

Table 2-E: Caretaker Requirements (Mothball Scenarios Only). Complete the table below to identify any permanent caretaker requirements associated with a "mothball" (deactivation) scenario. **Caretakers should only be identified if an activity will be mothballed as opposed to closed or realigned.** Scenario data call taskings will identify if this is a "mothball" scenario. This area should not be used to identify temporary caretaker requirements associated with closure of the facility. If some or all of the activity will be mothballed, as opposed to closed or realigned, then identify the number of military and/or civilian caretakers that will be required to remain permanently at the activity. Enter the number of caretakers which will be added to the activity in each year. For example, if 100 caretakers will be required in 1996, and then this number will be increased to 150 in 1997 and out, then enter 1996 = 100, 1997 = 50, leave 1998 through 2001 blank, and enter 150 as the total.

Table 2-E: Caretaker Requirements ("Mothball" Scenarios Only)

Losing Base Name: **NAWCAD Indianapolis**							
	1996	1997	1998	1999	2000	2001	Total
Military Caretakers							
Civilian Caretakers							

Not applicable - This is not a "mothball" scenario.

Table 2-F: Dynamic Base Information

Complete the following "Supporting Data" section. Then, summarize this data in the Summary Data Table (2-F) that immediately follows this "Supporting Data" section. Show all entries in ($000).

Table 2-F: Supporting Data:

a. Other One-Time Unique Costs. Identify any other one-time unique costs at the losing base which will not be calculated automatically by the COBRA algorithms (as noted in the Introduction section). Examples include use of temporary office space, lease termination costs, etc. Only costs directly attributable to the closure/realignment action should be identified. This area should not be used to identify routine moving or personnel costs, which are calculated automatically by the COBRA algorithms, nor should it be used to identify one-time unique moving costs which will be addressed separately in item c. below. For each unique one-time cost, identify the amount, year in which the cost will be incurred and describe the nature of the cost. Do not double count any costs identified on Gaining Base tables (Enclosure (3)).

Losing Base: **NAWCAD Indianapolis**

	Cost (k)	FY	Description
1.	3,330	98	Disruption Loss
2.	14,370	99	Disruption Loss
3.	2,520	00	Disruption Loss
4.	8,627	98	Equipment Replacement Cost
5.	5,524	00	Excess Equipment
6.	152	00	Shutdown Cost
7.	214	98	MILCON Collateral Equipment
8.	1,280	99	MILCON Collateral Equipment
9.	4,178	01	MILCON Collateral Equipment
10.	1,400	00	RCRA Closure

Equipment Replacement Cost: This equipment is used in direct support of the EP-3/ES-3 programs and in support of various Avionics' integration hardware in-the-loop real time testing. This equipment is critical to software and engineering integration support. The Fleet cannot risk the loss of continuous program support for such items as safety of flight priority 1 Software Trouble Report (STRs). This critical equipment must be replicated at the new site prior to dismantling the existing equipment to insure continuous Fleet support.

Disruption Cost: Completion of work in process will become inefficient at the losing site because of supply/material shortages, equipment relocation, etc. Disruption costs were based on actual experience data from the realignment and closure of two NAWC sites, and equate to 3%, 15%, and 3% of direct labor hours in FY 1998-2000 respectively.

Excess Equipment: The estimated cost for excess equipment was based on the applicable portions of the NAWCAD Indianapolis' unique moving cost methodology used for the disposition of equipment from one activity to another.

Shutdown Costs: The cost to shutdown the facility completely is estimated to be $152K. This would include shutting off all utilities to the Center, draining all water, steam and gas lines, purging air and other process gas lines, greasing mechanical parts, securing vents, draining and securing the boilers/steam plant/cooling tower/chiller plant, etc. The algorithm is (25 workers X 80 hours X $50/hr) + 15% profit + 15% overhead + 15% contingency.

MILCON collateral equipment cost: MILCON collateral equipment cost has historically been 6% of the MILCON cost. This figure was supplied by SOUTHDIVNAVFACENGCOM.

b. Other One-Time Unique Savings. Identify any other one-time unique savings at the losing base which will not be calculated automatically by the COBRA algorithms (as noted in the Introduction section). Examples include net proceeds to DoD resulting from an existing MOU with a state or local government, one-time environmental compliance cost avoidances, etc. This area should not be used to identify routine moving or personnel savings, which are calculated automatically by the COBRA algorithms. Do not include Construction Cost Avoidances (which were identified in a separate data call), or Procurement Cost Avoidances (which are covered under item i. below). For each savings, identify the amount, year in which it will occur and describe the nature of the savings. Only savings directly attributable to the closure/realignment action should be identified. Do not double count any savings identified on Gaining Base tables (Enclosure (3)).

Losing Base: **NAWCAD Indianapolis**

Cost	FY	Description

c. One-Time Unique Moving Costs. The COBRA algorithms use standard packing and shipping rates to calculate the cost of transporting equipment and vehicles. Identify here only those unique moving costs associated with movements out of the losing base that would be incurred in addition to standard packing and shipping costs associated with tonnage and vehicles identified in Table 2-B. Examples of unique moving costs include packing, special handling or recalibration of specialized laboratory or industrial equipment; movement of special materials, etc. If unique costs identified here include packing and shipping costs, then ensure that tonnage for this "unique" equipment is not included under the Mission and Support equipment identified in Table 2-B. For each cost included in the table above, identify the amount, year in which the cost will be incurred, the name of the gaining base and a brief description of the cost.

Losing Base: **NAWCAD Indianapolis**

Cost ($k)	FY	Gaining Base	Description
1. 8,160	98	NSWC Crane	Unique Moving Costs
2. 16,320	99	NSWC Crane	Unique Moving Costs
3. 1,590	99	NAWC Pax	Unique Moving Costs
4. 12,494	99	NAWC China Lake	Unique Moving Costs

Unique Moving Costs: Each facility was placed into an investment category and then further broken down into subcatorgies. For each subcategory engineering cost estimates were developed for the efforts associated with moving the equipment. These equipment moving costs include utility disconnect, preparing the equipment for shipping, test for presence of hazardous materials, reassemble the equipment, and calibration of the equipment after it is reassembled, as well as any unique costs associated with the one-of-a-kind facilities/equipment. The identified moving costs do not include any costs related to packing, shipping, unpacking, or costs already covered by MILCON.

d. and e. Changes in Mission Costs. Items d. and e. should be used to identify those changes in mission costs that result from the closure/realignment action, but are not counted elsewhere in this data call response or COBRA algorithms. For example, **do not include** changes in non-payroll Base Operating Support (BOS), Family Housing Operations, housing allowances, CHAMPUS costs/savings, or salary savings for eliminated positions/billets, all of which are calculated by other COBRA algorithms. Examples of items to include here are changes in operating costs due to the transfer of workload to gaining bases, economies of scale, changes in travel requirements, differences in wage grade labor rates or locality pay differentials, changes in the amount of mission work performed on contract, and changes in utility requirements or ADP/telecommunications costs not included in responses provided in the Base Operating Support tables of Data Call 66.

For purposes of calculating changes in costs associated with the transfer of mission workload from a losing to a gaining base, the following information is provided below. Calculations should take into consideration both economies of scale and differences in operating costs. Remember, any salary savings resulting from eliminated military billets and/or civilian positions must be identified as a number of billets/positions eliminated in Table 2-C. **Do not include** basic salary and fringe benefit savings associated with billets/positions identified as eliminated on Table 2-C. Also, **do not identify** changes in the non-payroll BOS Costs (including non-payroll G&A for DBOF activities) reported in Data Call 66.

First, identify economies of scale by examining the historic pattern of how labor, overhead and other costs vary with workload volume (adjust prior year costs for inflation to make them comparable; use statistical tests to determine the type of relationship that exists). The relationship between costs and workload can then be used to estimate changes in labor and overhead rates which result from the projected change in workload. Economies of scale benefits will generally accrue to gaining bases on an incremental basis, as the workload ramps up, and will remain in future years after all workload is transitioned.

Second, calculate resulting changes in operating costs. Changes in operating costs should be calculated by pricing out direct labor manhours of work, using the projected labor and productive overhead rates (which have been adjusted to take into consideration economies of scale resulting from the workload transfer) for both the losing and gaining base. The difference in total costs associated with the workload transition is then identified as the net change in mission costs. Relative differences in the numbers of hours required to complete a project at the losing base and gaining base(s) should be taken into consideration, if identifiable. Also, include contract costs in this analysis, but unless cost changes are identifiable, assume that contract price rates will remain constant.

If a net change in mission costs is included in the data call response, the response must also include supporting data to show calculations and methodology used to estimate this change in costs. Furthermore, data used in these calculations must be consistent with previously submitted certified data.

d. Net Mission Costs. Complete the following worksheet to identify any net recurring <u>increases</u> in mission costs associated with the closure/realignment of the losing base and/or transfer of workload to gaining bases. For each net cost increase, identify the name of the gaining base where the workload will be transferred (if applicable), cost increases by year and describe the nature of the cost increase. If this worksheet is filled in, provide supporting data to show calculations and methodology used to estimate these cost increases.

Net Mission Costs (Cost Increases) Worksheet						
Losing Base: NAWCAD Indianapolis						
Gaining Base	FY 1996	FY 1997	FY 1998 ($k)	FY 1999 ($k)	FY 2000 ($k)	FY 2001 and Beyond ($k)
1. NSWC Crane	0	0	155	387	434	434
Description: Increase in travel (See breakout below)						
2.						0
Description: Rate Differential (see note)						
3.						
Description:						
4.						
Description:						
5.						
Description:						

Add additional lines to worksheet as necessary.

Note: NAWC has not included any assessment on either the recurring cost or recurring savings sides of the scenario for probable rate differences.

Breakout of travel cost follows:

	96	97	98	99	00	01
EMPF	0	0	24	24	25	25
POV	0	0	44	125	144	144
Per Diem	0	0	87	238	265	265
TOTAL	0	0	155	387	434	434

Travel Costs: The employees of NAWCAD Indianapolis utilize the Indianapolis International Airport and the EMPF facility located in downtown Indianapolis. To continue to use these facilities the employees would incur an additional travel expense (mainly POV expenses) that they would not occur if their duty station remained in Indianapolis. Costs were determined as follows:

Travel Cost = (# of trips per year) * # of miles * POV allowable $/mile+ % average Per Diem

e. Net Mission Savings. Complete the following worksheet to identify any net recurring decreases in mission costs associated with the closure/realignment of the losing base and/or transfer of workload to gaining bases. For each net cost decreases, identify the name of the gaining base where the workload will be transferred (if applicable), cost decreases by year and describe the nature of the cost decrease. If this worksheet is filled in, provide supporting data to show calculations and methodology used to estimate these cost decreases.

Net Mission Savings (Cost Decreases) Worksheet						
Losing Base: NAWCAD Indianapolis						
Gaining Base	FY 1996	FY 1997	FY 1998 ($k)	FY 1999 ($k)	FY 2000 ($k)	FY 2001 and Beyond ($k)
1.						0
Description: Rate Differential (see note)						
2. NAWC Pax River				24	24	24
Description: Travel Savings						
3.						
Description:						
4.						
Description:						
5.						
Description:						

Add additional lines to worksheet as necessary.

Note: NAWC has not included any assessment on either the recurring cost or recurring savings sides of the scenario for probable rate differences.

f. Miscellaneous Recurring Costs. Identify any other recurring costs at the losing base which will not be calculated automatically by the COBRA algorithms (as noted in the Introduction section), e.g., new leases of facilities or equipment, etc. For each cost, identify the amount, year in which the cost will begin and describe the nature of the cost. Only costs directly attributable to the closure/realignment action should be identified. (Do not include changes in non-payroll BOS, Family Housing Operations, housing allowances or CHAMPUS costs, all of which are calculated by other COBRA algorithms.) Do not double count changes in Mission costs shown above. Do not double count any costs identified on Gaining Base tables (Enclosure (3)).

Losing Base: **NAWCAD Indianapolis**

Annual Cost ($k)	FY	Description
1. 29,334	99	Contract Prototype/Manf. work
2. 22,619	99	Contract System Design/Acquisition work
3. 1,134	99	Contract Administration cost for Prototype/Manf.contracts.
4. 567	99	Contract Administration cost for System Design/Acquisition work.

Contractor costs - The actual cost of performing the work assumes the same cost for industry to perform the function as the cost currently incurred when performed by the government. Assumes a competitive service IDT contract, category G.

Contract Administration Costs - The costs to place and administer a contract performed by industry includes costs to award the contract, issue of individual delivery orders, receipt and inspection of deliverables, and COTR support. This includes but is not limited to preparation of statement of work, source selection plan, proposal evaluation, selection and site reviews, preparation of order requests, price negotiation/resolution, technical interface with contractor, supplying GFM, acceptance of services/data, and voucher review. Complexity of the contract, size, number of service orders, and lot size are used with proposal standards to determine the contract administration costs.

g. Miscellaneous Recurring Savings. Identify any other recurring savings at the losing base which will not be calculated automatically by the COBRA algorithms (as noted in the Introduction section), e.g., elimination of leases of facilities or equipment, etc. For the savings, identify the amount, year in which each will begin and describe the nature of the savings. Only savings directly attributable to the closure/realignment action should be identified. (Do not include changes in non-payroll BOS, Family Housing Operations, housing allowances, CHAMPUS costs or salary savings for eliminated positions/billets, all of which are calculated by other COBRA algorithms.) Do not double count changes in Mission Costs shown above. Do not double count any savings identified on Gaining Base tables (Enclosure (3)).

Losing Base: **NAWCAD Indianapolis**

Annual Savings	FY	Description
13	**01**	**Environmental Compliance Cost Avoidance**

Environmental Compliance Cost Avoidances: As a result of this scenarios actions, NAWCAD Indianapolis would no longer be required to buy environmental permits and operator licensing and training for waste water, underground tanks, air emissions, and asbestos abatement

h. Land Sales. Identify any proceeds, if identifiable and realistically expected to be received, which would be realized through the sale of excessed property at the losing base(s). In most cases, proceeds will not be realized from the sale of land at closed activities. However, if unusual circumstances warrant, identify estimated amount of proceeds, number of acres to be sold and rationale for assuming that proceeds will be obtained.

Losing Base: **NAWCAD Indianapolis**

Revenues	No. of Acres	Rationale

None

i. Procurement Cost Avoidances. Identify any procurement cost avoidances which would be realized as a result of the closure/realignment scenario. Items identified here must not include any funds, regardless of appropriation, identified as BOS costs in Data Call 66. An example of a cost to include here would be a planned "Other Procurement account" purchase of a computer system, which will no longer be required as a result of the closure/realignment action. For each cost avoidance, identify the amount, year in which the cost would have been incurred, whether the cost avoidance is one-time or recurring in nature, and the nature of the cost avoidance.

Losing Base: **NAWCAD Indianapolis**

	Cost ($k)	FY	One-Time/Recurring Explanation
1.	125	96	One-Time Minor Construction - Renovation of administration will no longer be required due to closure.
2.	80	96	One-Time Minor Construction - Renovation of administration will no longer be required due to closure.
3.	150	97	One-Time Minor Construction - The handicap entrance modification will no longer be needed.
4.	250	97	One-Time Minor Construction - No longer required due to closure.

j. Facility Shutdown. If an activity is being realigned but not completely closed, then identify the number of square feet of Class 2 real property (buildings), excluding family housing, MWR and utilities facilities, which will be shut down at the losing base as a result of this action. If an activity is being completely closed, then just enter "All". The Base Loading Data Attachment includes an identification of total square feet for the activity and should be referred to in answering this question. Note that this entry should be shown in "thousands of square feet" (KSF).

Losing Base: **NAWCAD Indianapolis**

Facility KSF Shutdown: **ALL**

Summarize data shown in response to supporting data questions a. through j. above in the following table. Note that all entries must be shown in ($000).

Table 2-F: Dynamic Base Information Summary

Losing Base: **NAWCAD Indianapolis**

	($K)	1996	1997	1998	1999	2000	2001	Total
a.	One-Time Unique Costs	0	0	12,171	15,650	9,596	4,178	41,595
b.	One-Time Unique Svgs							
c.	One-Time Move Costs			8,160	30,404			38,564
d.	Net Mission Costs			155	387	434	434	1,410 total 434 each year after
e.	Net Mission Savings				24	24	24	72 Total 24 each year after
f.	Misc Recur Costs				53,654	53,654	53,654	160,962 total 53,654 each year after
g.	Misc Recur Savings						13	13
h.	Land Sales							0
i.	Procurement Cost Avoid	205	400					605
j.	Fac. Shutdown (KSF)	All						

Complete a separate Enclosure (3) - Gaining Base Questions, as appropriate, for each "gaining" base involved in the closure/realignment scenario. Make additional copies of this enclosure as necessary. Tables included in this enclosure are 3-A and 3-B. Enter the name of the Gaining Base in the block below.

Gaining Base:	**Crane Division, Naval Surface Warfare Center, Crane Site**

Table 3-A - Dynamic Base Information. Complete the following "Supporting Data" section. Then, summarize this data in the Summary Data Table (3-A) that immediately follows this "Supporting Data" section. Show all entries in ($000).

Table 3-A: Supporting Data

a. Other One-Time Unique Costs. This item has been divided into two sections. First, separately identify any Community Infrastructure Impact costs. Second, separately identify any other One-Time Unique costs. **Finally, when transferring these figures to the Summary Data Table (3-A), combine both sets of numbers into one "Other One-Time Unique Costs" answer (by year).**

a. (1) Community Infrastructure Impacts. Identify any cost impacts on community infrastructure at gaining bases which would result from the transfer of functions/personnel, e.g., requirement to build new sewage treatment facility, etc. For each cost, identify the amount, year in which it would be incurred, location (city, etc.), and a brief description of the requirement. Answers must be consistent with certified data contained in the gaining base's Data Call 65, "Economic and Community Infrastructure Data", response. Ensure that adequate coordination takes place, especially in those cases where the gaining and losing base are in different claimancies. **Remember to aggregate this answer with 2.a.(2) costs on the next page, if any, when transferring data to Summary Table.**

Gaining Base: **Crane Division, Naval Surface Warfare Center, Crane Site**

Cost Description	FY	Location
None		**No impact on community infrastructure will occur**

a. (2) Other Unique One-Time Costs. Identify any other one-time unique costs at the gaining base which will not be calculated automatically by the COBRA algorithms (as noted in the Introduction section). Examples include use of temporary office space, etc. Only costs directly attributable to the closure/realignment action should be identified. This area should not be used to identify routine moving or personnel costs, which are calculated automatically by the COBRA algorithms, nor should it be used to identify one-time unique moving costs which will be addressed in the Losing Base tables (enclosure (2)). For each unique one-time cost, identify the amount, year in which the cost will be incurred and describe the nature of the cost. Do not double count any costs identified on Losing Base tables (Enclosure (2)). **Remember to aggregate with 2.a.(1) costs on the previous page, if any, when transferring data to Summary Table.**

Gaining Base: **Crane Division, Naval Surface Warfare Center, Crane Site**

Cost($K)	FY	Description
1. $200	**97**	**Cost to relocate Code 70 from Bldg 3241 to Bldg 121 and Bldg 37**
2.$1400	**98**	**Computer and network expansion for additional 1600 users of UNIX based Crane Division business systems.**

b. Other One-Time Unique Savings. Identify any other one-time unique savings at the gaining base which will not be calculated automatically by the COBRA algorithms (as noted in the Introduction section). This area should not be used to identify routine moving or personnel savings, which are calculated automatically by the COBRA algorithms. Do not include MILCON Cost Avoidances (which were identified in a separate data call), or Procurement Cost Avoidances (which are covered in the losing base enclosure). For each savings, identify the amount, year in which it will occur and describe the nature of the savings. Only savings directly attributable to the closure/realignment action should be identified. Do not double count any savings identified on Losing Base tables (Enclosure (2)).

Gaining Base: **Crane Division, Naval Surface Warfare Center, Crane Site**

Cost	FY	Description
None identified		

c. Environmental Mitigation. Environmental cleanup costs at closing bases are not considered in COBRA, since these costs will be incurred regardless of whether the activity is closed or remains opened. If, however, additional environmental costs are incurred at gaining bases as the result of a transfer of functions or personnel, these costs should be identified, e.g., wetland mitigation, environmental impact statements at gaining bases, new permits, etc. Identify below any non-Military Construction environmental mitigation costs which will be incurred as a result of this closure/realignment action. (Note: Military Construction Costs for environmental mitigation are identified in Table 3-B). For each cost, identify the amount, year in which the cost will be incurred and a brief description of the cost.

Gaining Base: **Crane Division, Naval Surface Warfare Center, Crane Site**

Cost($K)	FY	Description
100	**96**	**Environmental assessment**

d. Miscellaneous Recurring Costs. Identify any other recurring costs associated with the closure/realignment action at the gaining base which will not be calculated automatically by the COBRA algorithms (as noted in the Introduction section), e.g., new leases of facilities or equipment, etc. For each cost, identify the year in which the cost will begin and describe the nature of the cost. Only costs directly attributable to the closure/realignment action should be identified. (Do not include changes in non-payroll BOS, Family Housing Operations, housing allowances or CHAMPUS costs, all of which are calculated by other COBRA algorithms.). Do not double count any costs identified on Losing Base tables (Enclosure (2)).

Gaining Base: **Crane Division, Naval Surface Warfare Center, Crane Site**

Annual Cost	FY	Description
None identified		

e. Miscellaneous Recurring Savings. Identify any other recurring savings associated with the closure/realignment action which will not be calculated automatically by the model, e.g., elimination of leases of facilities or equipment, etc. For the savings, identify the year in which each will begin and describe the nature of the savings. Only savings directly attributable to the closure/realignment action should be identified. (Do not include changes in non-payroll BOS, Family Housing Operations, housing allowances, CHAMPUS costs or salary savings for eliminated positions/billets, all of which are calculated by other COBRA algorithms.). Do not double count any savings identified on Losing Base tables (Enclosure (2)).

Gaining Base: **Crane Division, Naval Surface Warfare Center, Crane Site**

Annual Cost	FY	Description
None identified		

f. Land Purchases. Identify any land purchases required at gaining bases to accommodate relocating activities/functions. Identify the cost, number of acres, year in which purchase will occur and a brief description identifying why the land needs to be purchased.

Gaining Base: **Crane Division, Naval Surface Warfare Center, Crane Site**

Annual Cost	FY	Description
None required		

Summarize data shown in response to supporting data questions a. through f. above in the following table:

Table 3-A: Dynamic Base Information

Gaining Base Name: **Crane Division, Naval Surface Warfare Center, Crane Site**							
($k)	1996	1997	1998	1999	2000	2001	Total
a. One-Time Unique Costs		**200**	**1,400**				**1,600**
b. One-Time Unique Svgs							**0**
c. Environ. Mitigation	100						**100**
d. Misc. Recurring Costs							**0**
e. Misc. Recurring Savings							**0**
f. Land Purchases							**0**

* Includes both Community Infrastructure Impact and Other One-Time Unique Costs, as applicable.

Table 3-B - Military Construction Requirements. Identify the amount of new construction or rehabilitation (using the designated unit of measure) which will be required at the receiving site. Include a brief description of the requirement in the Comment column.

- Do not include Family Housing construction requirements on this table, they will be identified on a separate data call format.

- The COBRA MILCON algorithm will estimate the cost of MILCON requirements for the standard categories of construction listed on the next page. However, if an engineered estimate(s) is already available, then a dollar value for the requirement(s) should be identified in the "Comment" column of the table.

- Any identified Environmental Mitigation MILCON projects must include a total cost and brief description of the requirement in the "Comment" column of the table.

- The "Other" row is provided to identify MILCON requirements which do not fit the standard construction categories, e.g., dry docks, SCIF conversions, aircraft wash racks, etc. Enter a total cost and brief description for each identified requirement. For these "unique" categories of construction, a square footage estimate should also be indicated, if possible.

For Rehabilitation Requirements: if entered as a "unit of measure" (e.g., SF, etc.), then corresponding costs will be calculated at 75% of the cost of new construction (worst-case cost estimate for rehabilitation costs). If the rehabilitation will involve renovation at an anticipated rate of less than 75%, then in addition to identifying the requirement (SF, etc.), enter in the Comment block either a rehabilitation cost or an appropriate percentage which should be used in lieu of the 75% rate.

Show any cost entries in ($000).

Description of "Units of Measure" used in Table 3-B:
- **SY** - Square Yards
- **FB** - Feet of Berthing
- **SF** - Square Feet
- **BL** - Barrels

Description of standard "Categories of Construction" used in Table 3-B (including examples of types of construction included in these categories):

Horizontal - Aprons/Paving (Aircraft Parking Aprons, Combat Aircraft Ordnance Loading Areas, etc.), shown in square yards.

Berthing - General Purpose Berthing Piers, shown in feet of berthing.
Air Maintenance - Maintenance Hangers (General Purpose, High Bay, etc.), shown in square feet.

Other Operations - General Purpose Operations Facilities (Aircraft, Ordnance, Amphibious, Headquarters, etc.), shown in square feet.

Administrative - Administrative space (General Purpose and ADP), shown in square feet.

Training - Training Facilities (Academic, Reserve, Applied Instruction, Recruit Processing, Operational Trainers, etc.), shown in square feet.

Maintenance - Non-Weapons facilities (Vehicles, Electronics, Public Works, etc.), shown in square feet.

Bachelor Quarters - Barracks, Dormitories or Unmarked Officer Quarters, shown in square feet.

Supply/Storage - Operational Storage, Cold Storage, General Warehouse, etc., shown in square feet.

Dining Facilities - Enlisted Mess Hall, shown in square feet.

Personnel Support - Fire, Police, Family Service Centers, MWR, Child Care, etc., shown in square feet.

Communications - Other Communications Facilities, (Communications Centers, Telephone Exchanges, Terminal Equipment, Radar Air Traffic Control Center, etc.), shown in square feet.

Ship Maintenance - Shore Intermediate Maintenance, Waterfront Services, Amphibian Vehicle Maintenance, etc., shown in square feet.

RDT&E - Other Research, Development, Test and Evaluation (RDT&E) facilities (Aircraft, Ship, Underwater, Electronics, etc.) (does not include Ammo/Propulsion Labs), shown in square feet.

POL Storage - Jet Engine Fuel Storage, shown in barrels.

Ammo Storage - General Purpose, High Explosive, Small Arms and Missile Magazines, shown in square feet.

Medical Facilities - Hospitals, Medical/Dental Clinics, etc., shown in square feet.

Table 3-B: MILCON Requirements

Gaining Base Name: **Crane Division, Naval Surface Warfare Center, Crane Site**			
Category (Unit)	New Construction Requirement	Rehabilitation Requirement	Comment
Horizontal (SY)			
Berthing (FB)			
Air Maintenance (SF)			
Other Operations (SF)			
Administrative (SF)	**149,121**		
Training (SF)			
Maintenance (SF)		**54,600**	
Bachelor Quarters (SF)			
Supply/Storage (SF)			
Dining Facilities (SF)			
Personnel Support (SF)			
Communications (SF)			
Ship Maintenance (SF)			
RDT&E (SF)			
POL Storage (BL)			
Ammo Storage (SF)			
Medical Facilities (SF)			
Environmental	$	$	
Other: - **2,362 sq ft** - SCIF @ - $325/sq. ft.	$ $ **768** $ $	$ $ $	

Complete a separate Enclosure (3) - Gaining Base Questions, as appropriate, for each "gaining" base involved in the closure/realignment scenario. Make additional copies of this enclosure as necessary. Tables included in this enclosure are 3-A and 3-B. Enter the name of the Gaining Base in the block below.

Gaining Base:	**NAVAIRWARCENWPNSDIV CHINA LAKE**

Table 3-A - Dynamic Base Information. Complete the following "Supporting Data" section. Then, summarize this data in the Summary Data Table (3-A) that immediately follows this "Supporting Data" section. Show all entries in ($000).

Table 3-A: Supporting Data

a. Other One-Time Unique Costs. This item has been divided into two sections. First, separately identify any Community Infrastructure Impact costs. Second, separately identify any other One-Time Unique costs. **Finally, when transferring these figures to the Summary Data Table (3-A), combine both sets of numbers into one "Other One-Time Unique Costs" answer (by year). None**

a. (1) Community Infrastructure Impacts. Identify any cost impacts on community infrastructure at gaining bases which would result from the transfer of functions/personnel, e.g., requirement to build new sewage treatment facility, etc. For each cost, identify the amount, year in which it would be incurred, location (city, etc.), and a brief description of the requirement. Answers must be consistent with certified data contained in the gaining base's Data Call 65, "Economic and Community Infrastructure Data", response. Ensure that adequate coordination takes place, especially in those cases where the gaining and losing base are in different claimancies. **Remember to aggregate this answer with 2.a.(2) costs on the next page, if any, when transferring data to Summary Table.**

Gaining Base: **NAVAIRWARCENWPNSDIV CHINA LAKE**

Cost Description	FY	Location

None

a. (2) Other Unique One-Time Costs. Identify any other one-time unique costs at the gaining base which will not be calculated automatically by the COBRA algorithms (as noted in the Introduction section). Examples include use of temporary office space, etc. Only costs directly attributable to the closure/realignment action should be identified. This area should not be used to identify routine moving or personnel costs, which are calculated automatically by the COBRA algorithms, nor should it be used to identify one-time unique moving costs which will be addressed in the Losing Base tables (enclosure (2)). For each unique one-time cost, identify the amount, year in which the cost will be incurred and describe the nature of the cost. Do not double count any costs identified on Losing Base tables (Enclosure (2)). **Remember to aggregate with 2.a.(1) costs on the previous page, if any, when transferring data to Summary Table.**

Gaining Base: **NAVAIRWARCENWPNSDIV CHINA LAKE**

Cost	FY	Description
None		

b. Other One-Time Unique Savings. Identify any other one-time unique savings at the gaining base which will not be calculated automatically by the COBRA algorithms (as noted in the Introduction section). This area should not be used to identify routine moving or personnel savings, which are calculated automatically by the COBRA algorithms. Do not include MILCON Cost Avoidances (which were identified in a separate data call), or Procurement Cost Avoidances (which are covered in the losing base enclosure). For each savings, identify the amount, year in which it will occur and describe the nature of the savings. Only savings directly attributable to the closure/realignment action should be identified. Do not double count any savings identified on Losing Base tables (Enclosure (2)).

Gaining Base: **NAVAIRWARCENWPNSDIV CHINA LAKE**

Cost	FY	Description
None		

c. Environmental Mitigation. Environmental cleanup costs at closing bases are not considered in COBRA, since these costs will be incurred regardless of whether the activity is closed or remains opened. If, however, additional environmental costs are incurred at gaining bases as the result of a transfer of functions or personnel, these costs should be identified, e.g., wetland mitigation, environmental impact statements at gaining bases, new permits, etc. Identify below any non-Military Construction environmental mitigation costs which will be incurred as a result of this closure/realignment action. (Note: Military Construction Costs for environmental mitigation are identified in Table 3-B). For each cost, identify the amount, year in which the cost will be incurred and a brief description of the cost.

Gaining Base: **NAVAIRWARCENWPNSDIV CHINA LAKE**

Cost	FY	Description

1. None, based on proposed relocation of the Research, Development, Test and Evaluation functions proposed in this scenario.

d. Miscellaneous Recurring Costs. Identify any other recurring costs associated with the closure/realignment action at the gaining base which will not be calculated automatically by the COBRA algorithms (as noted in the Introduction section), e.g., new leases of facilities or equipment, etc. For each cost, identify the year in which the cost will begin and describe the nature of the cost. Only costs directly attributable to the closure/realignment action should be identified. (Do not include changes in non-payroll BOS, Family Housing Operations, housing allowances or CHAMPUS costs, all of which are calculated by other COBRA algorithms.). Do not double count any costs identified on Losing Base tables (Enclosure (2)).

Gaining Base: **_NAVAIRWARCENWPNSDIV CHINA LAKE**

Annual Cost	FY	Description
None		

e. Miscellaneous Recurring Savings. Identify any other recurring savings associated with the closure/realignment action which will not be calculated automatically by the model, e.g., elimination of leases of facilities or equipment, etc. For the savings, identify the year in which each will begin and describe the nature of the savings. Only savings directly attributable to the closure/realignment action should be identified. (Do not include changes in non-payroll BOS, Family Housing Operations, housing allowances, CHAMPUS costs or salary savings for eliminated positions/billets, all of which are calculated by other COBRA algorithms.). Do not double count any savings identified on Losing Base tables (Enclosure (2)).

Gaining Base: **NAVAIRWARCENWPNSDIV CHINA LAKE**

Annual Savings	FY	Description

1. None

f. Land Purchases. Identify any land purchases required at gaining bases to accommodate relocating activities/functions. Identify the cost, number of acres, year in which purchase will occur and a brief description identifying why the land needs to be purchased.

Gaining Base: **NAVAIRWARCENWPNSDIV CHINA LAKE**

Cost	No. of Acres	FY	Description

1. None.

Summarize data shown in response to supporting data questions a. through f. above in the following table:

Table 3-A: Dynamic Base Information

Gaining Base Name:		NAVAIRWARCENWPNSDIV CHINA LAKE						
($k)		1996	1997	1998	1999	2000	2001	Total
a.	One-Time Unique Costs							
b.	One-Time Unique Svgs							
c.	Environ. Mitigation							
d.	Misc. Recurring Costs							
e.	Misc. Recurring Savings							
f.	Land Purchases							

* Includes both Community Infrastructure Impact and Other One-Time Unique Costs, as applicable.

Table 3-B - Military Construction Requirements. Identify the amount of new construction or rehabilitation (using the designated unit of measure) which will be required at the receiving site. Include a brief description of the requirement in the Comment column.

- Do not include Family Housing construction requirements on this table, they will be identified on a separate data call format.

- The COBRA MILCON algorithm will estimate the cost of MILCON requirements for the standard categories of construction listed on the next page. However, if an engineered estimate(s) is already available, then a dollar value for the requirement(s) should be identified in the "Comment" column of the table.

- Any identified Environmental Mitigation MILCON projects must include a total cost and brief description of the requirement in the "Comment" column of the table.

- The "Other" row is provided to identify MILCON requirements which do not fit the standard construction categories, e.g., dry docks, SCIF conversions, aircraft wash racks, etc. Enter a total cost and brief description for each identified requirement. For these "unique" categories of construction, a square footage estimate should also be indicated, if possible.

For Rehabilitation Requirements: if entered as a "unit of measure" (e.g., SF, etc.), then corresponding costs will be calculated at 75% of the cost of new construction (worst-case cost estimate for rehabilitation costs). If the rehabilitation will involve renovation at an anticipated rate of less than 75%, then in addition to identifying the requirement (SF, etc.), enter in the Comment block either a rehabilitation cost or an appropriate percentage which should be used in lieu of the 75% rate.

Show any cost entries in ($000).

Description of "Units of Measure" used in Table 3-B:

SY - Square Yards
FB - Feet of Berthing
SF - Square Feet
BL - Barrels

Description of standard "Categories of Construction" used in Table 3-B (including examples of types of construction included in these categories):

Horizontal - Aprons/Paving (Aircraft Parking Aprons, Combat Aircraft Ordnance Loading Areas, etc.), shown in square yards.

Berthing - General Purpose Berthing Piers, shown in feet of berthing.
Air Maintenance - Maintenance Hangers (General Purpose, High Bay, etc.), shown in square feet.

Other Operations - General Purpose Operations Facilities (Aircraft, Ordnance, Amphibious, Headquarters, etc.), shown in square feet.

Administrative - Administrative space (General Purpose and ADP), shown in square feet.

Training - Training Facilities (Academic, Reserve, Applied Instruction, Recruit Processing, Operational Trainers, etc.), shown in square feet.

Maintenance - Non-Weapons facilities (Vehicles, Electronics, Public Works, etc.), shown in square feet.

Bachelor Quarters - Barracks, Dormitories or Unmarked Officer Quarters, shown in square feet.

Supply/Storage - Operational Storage, Cold Storage, General Warehouse, etc., shown in square feet.

Dining Facilities - Enlisted Mess Hall, shown in square feet.

Personnel Support - Fire, Police, Family Service Centers, MWR, Child Care, etc., shown in square feet.

Communications - Other Communications Facilities, (Communications Centers, Telephone Exchanges, Terminal Equipment, Radar Air Traffic Control Center, etc.), shown in square feet.

Ship Maintenance - Shore Intermediate Maintenance, Waterfront Services, Amphibian Vehicle Maintenance, etc., shown in square feet.

RDT&E - Other Research, Development, Test and Evaluation (RDT&E) facilities (Aircraft, Ship, Underwater, Electronics, etc.) (does not include Ammo/Propulsion Labs), shown in square feet.

POL Storage - Jet Engine Fuel Storage, shown in barrels.

Ammo Storage - General Purpose, High Explosive, Small Arms and Missile Magazines, shown in square feet.

Medical Facilities - Hospitals, Medical/Dental Clinics, etc., shown in square feet.

Table 3-B: MILCON Requirements

Gaining Base Name: **NAVAIRWARCENWPNSDIV CHINA LAKE**			
Category (Unit)	New Construction Requirement	Rehabilitation Requirement	Comment
Horizontal (SY)			**Parking - No Rehab $ necessary**
Berthing (FB)			
Air Maintenance (SF)			
Other Operations (SF)			
Administrative (SF)		**45,000**	**Office Space for 300 people at 150 sq ft/person = $605K**
Training (SF)			
Maintenance (SF)		**14,166**	**Assembly - $141.66K**
Bachelor Quarters (SF)			
Supply/Storage (SF)			
Dining Facilities (SF)			
Personnel Support (SF)			
Communications (SF)			
Ship Maintenance (SF)			
RDT&E (SF)		**5,389**	**Labs - $53.89K**
POL Storage (BL)			
Ammo Storage (SF)			
Medical Facilities (SF)			
Environmental	**$**	**$**	
Other: SCIF LAB (1,574) sf. SCIF (5500 SQ FT) SCIF (2714 SQ FT)	**$** **$** **$**	**$** **$** **$** **$ 193K** **$ 95 K**	**Existing new facility has sufficient space at no cost.** **VQ SSA Facility** **EP-3/ES-3 Integrated Test Lab**

Complete a separate Enclosure (3) - Gaining Base Questions, as appropriate, for each "gaining" base involved in the closure/realignment scenario. Make additional copies of this enclosure as necessary. Tables included in this enclosure are 3-A and 3-B. Enter the name of the Gaining Base in the block below.

Gaining Base:	**NAWC PATUXENT RIVER**

Table 3-A - Dynamic Base Information Complete the following "Supporting Data" section. Then, summarize this data in the Summary Data Table (3-A) that immediately follows this "Supporting Data" section. Show all entries in ($000).

Table 3-A: Supporting Data.

a. Other One-Time Unique Costs. This item has been divided into two sections. First, separately identify any Community Infrastructure Impact costs. Second, separately identify any other One-Time Unique costs. **Finally, when transferring these figures to the Summary Data Table (3-A), combine both sets of numbers into one "Other One-Time Unique Costs" answer (by year).**

a. (1) Community Infrastructure Impacts. Identify any cost impacts on community infrastructure at gaining bases which would result from the transfer of functions/personnel, e.g., requirement to build new sewage treatment facility, etc. For each cost, identify the amount, year in which it would be incurred, location (city, etc.), and a brief description of the requirement. Answers must be consistent with certified data contained in the gaining base's Data Call 65, "Economic and Community Infrastructure Data", response. Ensure that adequate coordination takes place, especially in those cases where the gaining and losing base are in different claimancies. **Remember to aggregate this answer with 2.a.(2) costs on the next page, if any, when transferring data to Summary Table.**

Gaining Base: **NAWC PATUXENT RIVER**

Cost Description	FY	Location

None

Data Call 65 outlined that growth can be accommodated with little or no adverse impact to existing community infrastructure.

a. (2) Other Unique One-Time Costs. Identify any other one-time unique costs at the gaining base which will not be calculated automatically by the COBRA algorithms (as noted in the Introduction section). Examples include use of temporary office space, etc. Only costs directly attributable to the closure/realignment action should be identified. This area should not be used to identify routine moving or personnel costs, which are calculated automatically by the COBRA algorithms, nor should it be used to identify one-time unique moving costs which will be addressed in the Losing Base tables (enclosure (2)). For each unique one-time cost, identify the amount, year in which the cost will be incurred and describe the nature of the cost. Do not double count any costs identified on Losing Base tables (Enclosure (2)). **Remember to aggregate with 2.a.(1) costs on the previous page, if any, when transferring data to Summary Table.**

Gaining Base: **NAWC PATUXENT RIVER**

Cost	FY	Description
None		

b. Other One-Time Unique Savings. Identify any other one-time unique savings at the gaining base which will not be calculated automatically by the COBRA algorithms (as noted in the Introduction section). This area should not be used to identify routine moving or personnel savings, which are calculated automatically by the COBRA algorithms. Do not include MILCON Cost Avoidances (which were identified in a separate data call), or Procurement Cost Avoidances (which are covered in the losing base enclosure). For each savings, identify the amount, year in which it will occur and describe the nature of the savings. Only savings directly attributable to the closure/realignment action should be identified. Do not double count any savings identified on Losing Base tables (Enclosure (2)).

Gaining Base: **NAWC PATUXENT RIVER**

Cost	FY	Description
None		

c. Environmental Mitigation. Environmental cleanup costs at closing bases are not considered in COBRA, since these costs will be incurred regardless of whether the activity is closed or remains opened. If, however, additional environmental costs are incurred at gaining bases as the result of a transfer of functions or personnel, these costs should be identified, e.g., wetland mitigation, environmental impact statements at gaining bases, new permits, etc. Identify below any non-Military Construction environmental mitigation costs which will be incurred as a result of this closure/realignment action. (Note: Military Construction Costs for environmental mitigation are identified in Table 3-B). For each cost, identify the amount, year in which the cost will be incurred and a brief description of the cost.

Gaining Base: **NAWC PATUXENT RIVER**

Cost ($K)	FY	Description
100	**96**	**Environmental assessment**

d. Miscellaneous Recurring Costs. Identify any other recurring costs associated with the closure/realignment action at the gaining base which will not be calculated automatically by the COBRA algorithms (as noted in the Introduction section), e.g., new leases of facilities or equipment, etc. For each cost, identify the year in which the cost will begin and describe the nature of the cost. Only costs directly attributable to the closure/realignment action should be identified. (Do not include changes in non-payroll BOS, Family Housing Operations, housing allowances or CHAMPUS costs, all of which are calculated by other COBRA algorithms.). Do not double count any costs identified on Losing Base tables (Enclosure (2)).

Gaining Base: **NAWC PATUXENT RIVER**

Annual Cost	FY	Description
None		

e. Miscellaneous Recurring Savings. Identify any other recurring savings associated with the closure/realignment action which will not be calculated automatically by the model, e.g., elimination of leases of facilities or equipment, etc. For the savings, identify the year in which each will begin and describe the nature of the savings. Only savings directly attributable to the closure/realignment action should be identified. (Do not include changes in non-payroll BOS, Family Housing Operations, housing allowances, CHAMPUS costs or salary savings for eliminated positions/billets, all of which are calculated by other COBRA algorithms.). Do not double count any savings identified on Losing Base tables (Enclosure (2)).

Gaining Base: **NAWC PATUXENT RIVER**

Annual Savings	FY	Description
None		

f. Land Purchases. Identify any land purchases required at gaining bases to accommodate relocating activities/functions. Identify the cost, number of acres, year in which purchase will occur and a brief description identifying why the land needs to be purchased.

Gaining Base: **NAWC PATUXENT RIVER**

Cost	No. of Acres	FY	Description
None. The facilities proposed can be sited within the boundaries of the Patuxent River Complex.			

Summarize data shown in response to supporting data questions a. through f. above in the following table:

Table 3-A: Dynamic Base Information

Gaining Base Name:		NAWC PATUXENT RIVER						
($k)		1996	1997	1998	1999	2000	2001	Total
a.	One-Time Unique Costs							0
b.	One-Time Unique Svgs							0
c.	Environ. Mitigation	100						100
d.	Misc. Recurring Costs							0
e.	Misc. Recurring Savings							0
f.	Land Purchases							0

* Includes both Community Infrastructure Impact and Other One-Time Unique Costs, as applicable.

Table 3-B - Military Construction Requirements Identify the amount of new construction or rehabilitation (using the designated unit of measure) which will be required at the receiving site. Include a brief description of the requirement in the Comment column.

- Do not include Family Housing construction requirements on this table, they will be identified on a separate data call format.

- The COBRA MILCON algorithm will estimate the cost of MILCON requirements for the standard categories of construction listed on the next page. However, if an engineered estimate(s) is already available, then a dollar value for the requirement(s) should be identified in the "Comment" column of the table.

- Any identified Environmental Mitigation MILCON projects must include a total cost and brief description of the requirement in the "Comment" column of the table.

- The "Other" row is provided to identify MILCON requirements which do not fit the standard construction categories, e.g., dry docks, SCIF conversions, aircraft wash racks, etc. Enter a total cost and brief description for each identified requirement. For these "unique" categories of construction, a square footage estimate should also be indicated, if possible.

For Rehabilitation Requirements: if entered as a "unit of measure" (e.g., SF, etc.), then corresponding costs will be calculated at 75% of the cost of new construction (worst-case cost estimate for rehabilitation costs). If the rehabilitation will involve renovation at an anticipated rate of less than 75%, then in addition to identifying the requirement (SF, etc.), enter in the Comment block either a rehabilitation cost or an appropriate percentage which should be used in lieu of the 75% rate.

Show any cost entries in ($000).

Description of "Units of Measure" used in Table 3-B:

SY - Square Yards
FB - Feet of Berthing
SF - Square Feet
BL - Barrels

Description of standard "Categories of Construction" used in Table 3-B (including examples of types of construction included in these categories):

Horizontal - Aprons/Paving (Aircraft Parking Aprons, Combat Aircraft Ordnance Loading Areas, etc.), shown in square yards.

Berthing - General Purpose Berthing Piers, shown in feet of berthing.

Air Maintenance - Maintenance Hangers (General Purpose, High Bay, etc.), shown in square feet.

Other Operations - General Purpose Operations Facilities (Aircraft, Ordnance, Amphibious, Headquarters, etc.), shown in square feet.

Administrative - Administrative space (General Purpose and ADP), shown in square feet.

Training - Training Facilities (Academic, Reserve, Applied Instruction, Recruit Processing, Operational Trainers, etc.), shown in square feet.

Maintenance - Non-Weapons facilities (Vehicles, Electronics, Public Works, etc.), shown in square feet.

Bachelor Quarters - Barracks, Dormitories or Unmarked Officer Quarters, shown in square feet.

Supply/Storage - Operational Storage, Cold Storage, General Warehouse, etc., shown in square feet.

Dining Facilities - Enlisted Mess Hall, shown in square feet.

Personnel Support - Fire, Police, Family Service Centers, MWR, Child Care, etc., shown in square feet.

Communications - Other Communications Facilities, (Communications Centers, Telephone Exchanges, Terminal Equipment, Radar Air Traffic Control Center, etc.), shown in square feet.

Ship Maintenance - Shore Intermediate Maintenance, Waterfront Services, Amphibian Vehicle Maintenance, etc., shown in square feet.

RDT&E - Other Research, Development, Test and Evaluation (RDT&E) facilities (Aircraft, Ship, Underwater, Electronics, etc.) (does not include Ammo/Propulsion Labs), shown in square feet.

POL Storage - Jet Engine Fuel Storage, shown in barrels.

Ammo Storage - General Purpose, High Explosive, Small Arms and Missile Magazines, shown in square feet.

Medical Facilities - Hospitals, Medical/Dental Clinics, etc., shown in square feet.

Table 3-B: MILCON Requirements

Gaining Base Name: **NAWC PATUXENT RIVER**			
Category (Unit)	New Construction Requirement	Rehabilitation Requirement	Comment
Horizontal (SY)			**No POV Parking Required**
Berthing (FB)			
Air Maintenance (SF)			
Other Operations (SF)			
Administrative (SF)		**21,750**	**145 people @ 150 sf. per person. Rehab cost estimate of $185K based on $8.50/SF**
Training (SF)			
Maintenance (SF)			
Bachelor Quarters (SF)			
Supply/Storage (SF)			
Dining Facilities (SF)			
Personnel Support (SF)			
Communications (SF)			
Ship Maintenance (SF)			
RDT&E (SF)		**2,560**	**V-22 support lab. Rehab estimate of $22K (2560 SF @ $8.50/SF)**
POL Storage (BL)			
Ammo Storage (SF)			
Medical Facilities (SF)			
Environmental	$	**$**	
Other: **Lay Network & Premises Wiring**	**$ 375K**		**Fiber Optic Distribution**

BRAC-95 SCENARIO DEVELOPMENT DATA CALL
ENCLOSURE (1) - SCENARIO SUMMARY

Complete one copy of Enclosure (1) - Scenario Summary for the entire closure/realignment scenario. Tables included in this enclosure are 1-A, 1-B and 1-C.

Table 1-A: Scenario Description. Identify the Scenario Number, Title and Response Date. The Scenario Number and Title will be provided to you by the BSAT as part of the data call tasking.

Scenario No.:	2-14-0114-~~012A~~ 028 Z
Scenario Title:	ALT 3 - SHIPYARDS
Date:	17 NOVEMBER 1994

RESPONSE SCENARIO DEVELOPMENT DATA CALL
SCENARIO NUMBER 2-14-0114-012A

The scenario proposed by the BSAT requested two actions which affected NSWC Louisville:

(1) To remove Ship/Sea Systems work from Louisville and realign this work to remaining shipyards, and NSWC, Crane; and
(2) To close NSWC Louisville.

The uniqueness and strength of NSWC Louisville is the integration of the engineering and industrial disciplines thereby improving: designs, efficiency of overhaul and manufacture of products (usually in prototype or limited production type projects), and support of the fleet.

As a result of previous consolidations, NSWC Louisville represents the only remaining organic engineering/industrial facility that supports naval surface weapon systems. The realignment of depot work from NSWC Louisville, and its subsequent closure, eliminates the last central source of full life cycle knowledge/capability for sophisticated gun and weapon systems. NSWC Louisville has the capability to execute all phases of the life of a weapon system. This capability is the result of having the entire cradle-to-grave capability juxtapositioned at NSWC Louisville. The co-location of engineering and industrial capability allows both the engineering and industrial community to learn from the process and reinvest this knowledge throughout the system life cycle.

This has allowed NSWC Louisville to develop the ability to assist customers in being "smart buyers" when planning the expenditure of government funding. This capability would disappear if the knowledge base is lost.

NSWC Louisville is the only remaining engineering/industrial/depot facility, public or private, capable of supporting the full spectrum life cycle of Naval Gun Weapon Systems.

Initially the "Close NSWC, Louisville" scenario was viewed as requiring complete duplication of facilities at the gaining site in order to maintain Fleet readiness. This approach resulted in high costs, therefore an alternative approach was taken for this Scenario. In this analysis, a significantly higher risk to fleet support has been assumed as a trade-off for reduced funding requirements. The scenario involves closing down Depot support of the Phalanx Close-In Weapon Systems (CIWS) for a 12-month period.

To meet Fleet requirements during this 12-month period, the depot overhaul throughput will be increased by 50% during the previous two years. Stockpiling repairables ahead of time may not be possible since "non-ready-for-issue" carcasses may constrain the process.

A major risk in this scenario is the 12-month goal of establishing a certified depot. Movement, re-calibration and certification/validation of all test sets, equipments and fixtures in 12-months is an extremely aggressive schedule. Additionally, there is increased risk to being able to support emergent fleet requirements requiring a depot solution during the 12-month transition period. In many instances the electronic instrumentation composing these equipments are no longer manufactured. The inability to repair these instruments, many of which are no longer supported by the Original Equipment/Manufacturer (OEM), would required re-design, testing and certification of interfaces and/or software packages to ensure quality and integrity of the modification and the additional requirement to certify the new Test Program Sets and to recertify the test system. Additionally, there would be the costs to modify the applicable test system documentation.

Existing agreements to support Foreign Military Sales (FMS) customers for the following equipments could not be honored: 3"/50 Single, 3"/50 Twin, 5"/38 Single, 5"/38 Twin, 5"/MK42, MK112 ASROC, MK11 TARTAR, MK10 TERRIER Surface Missile System, MK68 GFCS, MK56 GFCS, MK37 GFCS, MK38 GFCS. Also all Battleship gun and fire control system support will be non-existent in the future.

Table 1-B: Point of Contact Information. Please identify a knowledgeable point of contact familiar with the information relating to this closure/realignment scenario whom the BSAT can contact to answer any questions or to provide additional information as required. This point of contact must also be familiar with the location and name of the person responsible for maintaining any supporting documentation relating to this data call response.

Name:	Joe Bohn, Jr.
Organization/Code:	NSWC, Louisville Code 053
Office Phone Number:	(502) 364-5673 DSN 989-5673
Fax Number:	(502) 364-5681 DSN 989-5681
Home Phone Number:	(502) 363-6632

Table 1-C: Losing/Gaining Bases Involved in Scenario. Complete the table on the next page to identify "bases" involved in the closure/realignment scenario. Note that the term **"Losing Base"** refers to host activities, independent activities or other activities specifically identified in the Scenario Development Data Call tasking which are being reduced in size, i.e.,

closing or being realigned. The term **"Gaining Base"** refers to host or independent activities which will be receiving sites for functions/personnel transferred from losing base(s). For example, a losing base is the activity referred to in the data call tasking, i.e., a Naval Station, Hospital, etc. **Individual tenants should not be separately listed on this table**, e.g., Branch Medical Clinic, Personnel Support Detachment, etc. Individual tenants will, however, be specifically identified in subsequent tables in the data call. The third column should be used to identify relevant information regarding workload/missions to be transferred. For example, entries in this column should be short phrases such as, "missile workload", "ships", "F-14 squadrons", "tenants", etc., or to provide other clarifying information. This third column need only be completed to identify major components of the closure/realignment scenario, and should not be used to list all tenant names, etc.

Table 1-C: Losing/Gaining Bases Involved in Scenario

Losing Base(s)	Gaining Base(s)	Workload/Missions Transferring
NSWC, LOUISVILLE	NSY NORFOLK	SHIP/SEA SYSTEMS WORK (NON-CIWS DEPOT)
NSWC, LOUISVILLE	NSWC, CRANE	SHIP/SEA SYSTEMS WORK (CIWS DEPOT, NON-ISE)
NSWC, LOUISVILLE	NSWC, PORT HUENEME	SHIP/SEA SYSTEMS WORK (ISE)
NSWC, LOUISVILLE	NSWC, DAHLGREN	SHIP/SEA SYSTEMS WORK (S&T)

Note: If an activity/function will be relocated into leased office space, please note this fact under the column, Gaining Base, e.g., "Washington, DC - Leased Space".

BRAC-95 SCENARIO DEVELOPMENT DATA CALL
Enclosure (2) - LOSING BASE QUESTIONS

Complete a separate Enclosure (2) - Losing Base Questions for each "losing" base involved in the closure/realignment scenario. Make additional copies of this enclosure as necessary. Tables included in this enclosure are 2-A, 2-B, 2-C, 2-D, 2-E, and 2-F. Enter the Losing Base name in the block below:

Losing Base:	NSWC, LOUISVILLE

The first five tables in this enclosure will be used to identify the movement and/or elimination of military billets and civilian positions. Data entered in Tables 2-B and 2-C will be transferred to Table 2-D and will be used to reconcile manpower totals at the losing base. The entire losing base workforce as shown on the annotated copy of the Base Loading Data Attachment must be accounted for in the Table 2-D reconciliation.

General Note on Tables 2-A and 2-B. A separate copy of both of these two tables must be completed for each pair of activities between which transfers of personnel, equipment or vehicles will occur. That is, a single enclosure (1) response may require multiple copies of tables 2-A and 2-B. For example, if the scenario involves the closure of NAVSTA A and relocation of personnel to NAVSTA B and NAVSTA C, then two tables will be completed, one for transfers from NAVSTA A to NAVSTA B and one for transfers from NAVSTA A to NAVSTA C. Note that for purposes of completing these tables, Losing Bases and Gaining Bases are defined as a host activity, independent activity or other activity specifically identified in the data call tasking. Separate tables will not be prepared for individual tenant activities, instead, tenant numbers will be incorporated into the table for the Losing Base. Be certain to identify the name of both the gaining and losing base. Make additional copies of these two tables as necessary.

Table 2-A: Disposition of Personnel - Detail Data. Please review the Base Loading Data Attachment and annotate any corrections, as necessary. Using the data contained in the Base Loading Data Attachment, complete the table on the next page. For both the host and tenant activities, identify, by UIC, the number of billets/positions being relocated to the identified receiving site. Each UIC shown as a separate line on the Base Loading Data Attachment must be separately listed in Table 2-A. Drilling reservists will not be included in officer and enlisted billet fields. Military students must be separately distinguished from officer and enlisted billets in COBRA. The Base Loading Data Attachment includes an identification of military students. Annotate the Base Loading Data Attachment to identify any additional students not currently shown, and include these corrected numbers in Table 2-A. Numbers of students are expressed as the estimated "Average On-Board" (AOB) which would be trained at the losing base in FY 2001 if a closure/realignment did not occur. Non-DON tenants must also be reviewed and a determination made as to whether the organization will be relocated. Relocating non-DON tenants must be included in the number of billets/positions identified as being transferred (and manpower totals adjusted accordingly). Disposition of tenant and reserve activities must be adequately coordinated.

Table 2-B: Disposition of Personnel and Equipment - Summary. Complete the table on the next page to summarize the transfer of equipment and personnel. Personnel numbers must match summary data shown in Table 2-A. Remember that, as with Table 2-A, a separate Table 2-B must be completed for each combination of losing/gaining bases. The following explanatory information is provided.

a. Disposition of Personnel. Transfer the summary relocation data shown at the bottom of the corresponding Table 2-A.

b. Disposition of Equipment. Identify the transfer of equipment and vehicles from one activity to another. **Do not include equipment which will be excessed.** The following explanatory notes are provided:

Mission and Support Equipment: The terms "Mission" and "Support" are provided as broad general terms to distinguish between the types of equipment which will be shipped. In terms of the COBRA moving algorithms, whether equipment is listed under "Mission" or "Support" is irrelevant. Consequently, more attention should be given to identifying the total number of tons which will need to be shipped, rather than spending too much time refining the breakout of mission vs. support equipment. Note that these figures should not include administrative equipment, which is already included in COBRA algorithms at the rate of 710 pounds per military billet or civilian position being relocated.

Light Vehicles: Light vehicles are defined as vehicles that will be **driven** to the new location.

Heavy Vehicles: Heavy vehicles are defined as vehicles which will be **shipped** to the new location.

Remember to complete the "Supporting Data" section which immediately follows the table.

BRAC-95 SCENARIO DEVELOPMENT DATA CALL
ENCLOSURE (2) - LOSING BASE QUESTIONS

IMPACT OF RELOCATING THE TECHNICAL CAPABILITIES FROM NSWC, LOUISVILLE

All workload at NSWC Louisville consists of five Technical Capabilities and General Support Functions. The assumption for this scenario is that Technical Capabilities (TC #2, TC #8, TC #12, TC #13, TC #14) and General Support Functions will be transitioned to NSY Norfolk, NSWC Crane, NSWC Port Hueneme, and NSWC Dahlgren. All direct workload is Core, Mission Critical and cannot be eliminated. Since the Technical Capabilities are being relocated to multiple sites, selected special and general support functions will have to be replicated at the receiving sites.

TC #2 (Naval Gun Weapon Systems)
TC #8 (Surface Missile System Launchers)
TC #12 (Specialized Mechanical Technology & Manufacturing/Repair Facility)
TC #13 (Naval Engineering Drawing Management)
TC #14 (Shipboard Physical Security)

Technical Capability #2 will transition MK45/MK75 depot overhaul functions to NSY Norfolk and CIWS depot functions to NSWC, Crane, ISE will transition to NSWC Port Hueneme and Science & Technology efforts will transition to NSWC Dahlgren. TC #8 depot overhaul functions will transition to NSY Norfolk. TC #12 depot overhaul functions will transition to NSY Norfolk and NSWC, Crane. Other direct workload, including Acquisition, from TCs #2, 8 and 12 will transition to NSWC Crane. TC #13 direct workload will transition to NSWC Port Hueneme. TC #14 direct workload will transition to NSWC Crane.

The relocation of NSWC Louisville's Ship/Sea Systems depot capability to NSY Norfolk ensures that the Navy retains a mission essential capability in support of **Fleet readiness**. However, the relocation has the potential to degrade and erode the existing corporate memory with the loss of senior personnel. The **synergy** between the engineering and depot functions which exists at NSWC, Louisville will be lost, impacting the Navy imperative for **full spectrum life cycle support**.

The balance of the direct workload at NSWC, Louisville, which was not redirected in this scenario to other activities, represents key elements of full spectrum life cycle support (Acquisition, In-Service Engineering, RDT&E). This workload is not only essential for **full spectrum life cycle support** but must be retained to sustain an **inherently governmental function** of providing the **smart buyer capability**.

The most significant aspect of the proposed scenario is its failure to recognize the **inherently governmental** nature of the non-depot engineering workload that was not directed to be realigned.

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Mission Critical Surface Warfare Systems and Equipments cannot be supported if this workload is not retained by the Navy. If these workyears were non-essential then one could understand a "value added" from their elimination. However, they cannot be eliminated due to the **inherently governmental** nature. The subsequent dispersion of the workload only serves to negate the **synergy** developed over many years by NSWC Louisville. Aside from the loss of a synergistic life cycle support capability there would likely be a significant loss of the Navy Gun Weapon System "corporate memory" as senior personnel would be lost. A fact to remember is that as a result of previous consolidations and closures, NSWC Louisville is the **only remaining depot** for Naval Gun Weapon Systems.

The breakout by function of tons of mission equipment and support equipment is as follows:

	Tons Support Equipment	Tons Mission Equipment
Naval Gun Weapon Systems:		
1. Non-CIWS Depot to NSY Norfolk	638	420
2. CIWS Depot to NSWC, Crane	3,114	2,056
3. Acquisition Engineering to NSWC, Crane	192	0
4. In-Service Engineering to NSWC, Port Hueneme	0	195
5. Science & Technology to NSWC, Dahlgren	0	0
Surface Missile Systems Launchers:		
6. Depot to NSY, Norfolk	707	415
Specialized Mechanical Technology & Manufacturing/Repair Facility:		
7. Non-CIWS Depot to NSY Norfolk	7,690	2,469
8. CIWS Depot to NSWC, Crane	579	186
9. Manufacturing Technology to NSWC, Crane	1,222	444
Naval Engineering Drawing Management:		
10. Drawing Management to NSWC, Port Hueneme	0	190
Shipboard Physical Security:		
11. Engineering Functions to NSWC, Crane	0	48
Tenant Functions:		
12. Associated Functions to NSWC, Crane	0	0

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Enclosure (2) - LOSING BASE QUESTIONS

* No administrative tonnage is included. "Tons of Support Equipment" in Table 2B on pages 2-17 and 2-28 include only Supply Department APA materials, carcasses and piece parts to support depot overhaul, which will be transitioned to the gaining site depot. "Tons of Mission Equipment" in Table 2B on pages 2-17, 2-28 and 2-36 include only product support items such as Test Stands, tooling, fixtures, etc.

Depot product lines, supported by NSWC, Louisville's five (5) Technical Capabilities, which are required for the transition to the Gaining Activities are listed as follows.

The following are the depot product lines that will be transitioned to NSY Norfolk and NSWC, Crane:

Decoy Launcher Systems
Rocket Motor Casings
Reverse Engineering/Manufacturing/Prototype
Valve Ball
MK 23 Target Acquisition System
MK 32 Surface Vessel Torpedo Tubes
Cable/Harness Manufacturing
Armored Box Launchers
MK 17 and MK 19 Turbine Pump Ejection System
Launcher Support (MK 13 and MK 26 TARTAR)
CIWS
MK 45 5" Guns and 2J/7H Components
MK 75 76 mm Guns and 2J/7H Components
Rolling Airframe Missile Guided Missile Launcher System (RAM GMLS)
MK 92 Fire Control Systems
NATO SeaSparrow GMLS
Tri-Service MK 19 Machine Gun
U.S. Army 60mm & 81mm Mortars

"The eliminated depot lines" which support our FMS customers and support the Navy's requirement to maintain a rapid response capability for reconstitution of our Naval forces, if Surge/Mobilization is needed, are listed as follows.

The following depot product line capabilities are no longer required by the U.S. Navy, although they support FMS, and will be lost with the closure of NSWC, Louisville:

MK 68 Gun Fire Control Systems
- MK 68 Director
- MK 53F Radar
- MK 24 Target Designator Transmitter
- MK 47 Computer
- MK 16 Stable Element

MK 56 Gun Fire Control System

- MK 56 Director
- MK 25 Radar
- MK 35 Radar
- MK 1A Computer
- MK 6 Stable Element

5"/38 Single and Twin Mounts
3"/50 Single and Twin Mounts
MK 42 5"/54 Gun Mount
MK 112 ASROC
MK 11 TARTAR
MK 10 TERRIER
MK37 Gun Fire Control System
MK38 Gun Fire Control System

A listing of the total NSWC, Louisville equipment and machinery is provided as Attachment 1 (page 2-78) to this Enclosure. The Attachment has been annotated to show only equipments and machinery which NSY Norfolk and NSWC, Crane states are needed to support the current depot product lines that will be transitioned. This list reflects NSY Norfolk's requirements provided on 12/04/94.

It should be noted that the costs for moving special tooling, fixtures, test stands and machinery currently at NSWC, Louisville, for the eliminated depot lines, have not been included in Table 2-B "Tons of Mission Equipment" and "Tons of Support Equipment". Also, Table 2-F(c) "One-Time Unique Moving Costs" do not include the costs for "equipment teardown" for the eliminated depot lines.

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Enclosure (2) - LOSING BASE QUESTIONS

Justification for Relocation:

The Naval Gun Weapon Systems Technical Capability (TC #2) represent a workload base of 864 workyears*. This workload must be retained to support the Navy's requirements to provide Life Cycle Support of Naval Gun Weapon Systems. The primary missions of this TC are to provide core leadership in the acquisition, maintenance, and operational support of in-service and emerging NGWS/equipments; maintain the Navy's corporate memory (technical knowledge repository) of sufficient breadth, depth, and continuity to be able to perform as a smart buyer; maintain rapid response capability for reconstitution of our Naval forces if mobilization is needed; ensure that current and future fleet operational readiness requirements are achieved and maintained; and through defense conversion and technological transfer initiatives, strengthen the private sector's technology base for mission critical elements of NGWS/equipments.

This TC supports more than one product area element (PAE) by supporting both Engagement Systems (guns) and Theater Air Defense Systems. Future operational requirements for these PAEs have been significantly influenced by the Littoral Warfare Strategies described in "Forward...From the Sea". Due to the "operating forward" requirements of Littoral Warfare, surface combatants must operate near shore to provide NGFS in support joint operations with Marine and/or Army ground forces. Because Littoral warfare places our ships at a greater risk from multiple land, air and sea based threats, Theater Air Defense Systems will be critical to ship survivability. Thus, this TC is necessary to support other product areas due to the Littoral Warfare missions utilizing NGWS/equipments which further illustrates JMA responsibilities.

The inherently governmental function (smart-buyer) performed by this TC represents the Navy's corporate memory for NGWS/equipments and is impractical for the private sector to assume. This TC has been acquired over most of the fifty years that the NSWC/CD facilities have been a provider of goods (military) and services (engineering). The customer base of this TC includes other branches of DoD, non-DoD and FMS customers. For example, the FMS customer base for the PHALANX CIWS security assistance program currently supports Australia, Canada, Greece, Israel, Japan, Portugal, Saudi Arabia, Taiwan, Turkey and the United Kingdom with Brazil, Egypt, New Zealand, Spain, Thailand and Venezuela in the process of obtaining systems.

The full spectrum hands-on experience in both a sponsorship role and appraisal role in support of acquisition and readiness in the functional areas of exploration, assessment, development, evaluation, production, operation and maintenance provides a unique synergy for NGWS/equipments support.

Undoubtedly, this TC's most important resource is its people which cumulatively

* Direct workyears derived from NAVCOMPT FY96/97 OSD Submit

represents thousands of man-years of experience. The stability of it's work force provides the continuity necessary to perform the inherently governmental roles of sponsorship and appraisal required for life cycle support of NGWS/equipments. Whether developing, modernizing, upgrading, maintaining or producing major system prototypes or reactivating "Old Warrior" (Battleships) this TC has been able to maintain a core technological base to respond to any operational fleet requirement. Operational readiness would be impacted if this TC were not maintained organically.

The unique integration of engineering/industrial capability provides a full spectrum manufacturing, repair and systems overhaul capability for which no other source exists, for products where no interest exists in the private sector and for rapid response situations to fleet safety requirements.

Loss of this TC would result in an irreversible loss of the Navy's corporate memory (a DON imperative to maintain a repository of technical knowledge for critical mission essential Weapons Systems/equipments supported by this TC) and the loss of an inherently governmental role, that of being a smart buyer. Additionally, the Navy's ability to reconstitute resources to address future threats would be severely limited.

The Surface Missile Systems Launchers Technical Capability (TC #8) represents a workload base of 89 workyears*. This workload must be retained to support the Navy's requirements to provide Life Cycle support of Surface Missile Systems Launchers and Naval Gun Weapon Systems.

The current mission of the Surface Missile Systems Launchers technical capability is to provide a full range of overhaul capabilities and certified Depot Overhaul Point (DOP) facilities, equipment and procedures for Missile Launcher Systems, Armored Box Launchers (ABL) and Surface Vessel Torpedo Tubes (SVTT) weapon systems and subsystems. Facilities, personnel and equipment capabilities also exist within this technical capability for the overhaul of MK17 Turbine Pump Ejection System (TPES), MK23 Target Acquisition System (TAS), MK53 Combined Antenna System (CAS) and MK54 Separate Tracking Illumination Radar (STIR) systems and subsystems. In addition to the existing validated overhaul capabilities, efforts are underway which will establish and validate the Crane Division as the NATO Seasparrow Missile Launcher DOP.

The future mission of this capability includes the continued efforts associated with the current mission and with the extension of supporting manufacturing/overhaul processes to support pier side overhaul efforts. Further, the development of selected manufacturing processes such as cable/harness manufacturing into a "state-of-the-art" work cell is a major initiative being pursued by this technical capability. The Cable/Harness work cell will be used to manufacture cables and harnesses for other Crane Division technical capabilities as

* Direct workyears derived from NAVCOMPT FY96/97 OSD Submit

well as for the Army, Marine Corps, Strategic Systems Projects Office (SSPO), Air Force and other DoD commands. Future mission defines joint operations with other Navy activities and with Tri-Service work for the Army and the Air Force.

This TC is the only knowledge-based multi-disciplinary technical/production workforce in the Navy capable of refurbishing or overhauling a multitude of Missile Launching Systems and associated equipments for the Fleet. Many DOPs have been assigned to this TC and have been validated/certified on the overhaul programs and in most cases are the only Navy or DoD certified on the overhaul programs and in most cases are the only Navy or DoD overhaul capability for these programs. As part of the only existing organic facility involved in depot overhaul and remanufacturing of surface missile and self-defense systems and components with full test capabilities, the loss of this TC and its special facilities would have a detrimental affect on the Naval Surface Warfare Fleet and on the Navy's ability to perform its mission.

In-house technical/management staff exercises a "smart buyer" role when identifying/procuring replacement components for sole-source material no longer available from original equipment manufacture (OEM). This capability is maintained through years of experience and hands-on participation of production engineers, project managers and production and support staff. Through controlled competition and informal analysis, costly duplication of effort and reduced costs of development, procurement, logistics and support are avoided by the "smart buyer" concept.

Integrated capabilities and facilities for overhaul and final acceptance testing can be adapted with minimal cost and effort for many different systems. Because of the many years of experience, our personnel can also adapt to working on these different systems. This gives us the ability to provide a turnaround DOP program which would return an overhauled system with high quality to the Fleet in a short period of time and within reducing budget restraints.

The loss of this TC would result in the Navy losing a capability to update/modify/overhaul existing Missile Launching Systems to respond to constantly changing conditions. Also lost to the Navy would be 3773 total years of personnel expertise and knowledge which cannot be replaced. As equipment ages and OEMs are no longer involved with the systems, there would not be an organization that could overhaul the old systems to improve their reliability and usefulness to the Fleet.

Specialized Mechanical Technology and Manufacturing Technical Capability (TC #12) is a major DoD technology testbed and transfer site as well as an integral part of the last and only activity providing complete in-house engineering/industrial full spectrum life cycle support for Naval Gun Weapon Systems. This TC is a major technical and industrial complex with collocated concurrent design, engineering, prototyping and manufacturing.

566K sqft of industrial space in 6 adjacent industrial buildings provide 199 direct workyears* for this TC and other TCs on Station. NAVFAC cost to replace facilities is $95M and $246M to replace over 1,300 machines/equipage with the largest machine weighing over 300 tons and with over 65 CNC machines. This TC has four primary missions, each having extensive application to the industrial base and its' future development. The four primary missions are 1) provide concurrent R&D and engineering, transition to production and provide full life cycle technical support, 2) Navy and DoD testbed for developing, verifying and applying new/emerging technology to all phases of product engineering, 3) maintain/provide the Navy and DoD last/only source capability for difficult to procure/manufacture/repair/modernize mechanical items, particularly for the Navy Mission and Fleet rapid response, and 4) provide concurrent product engineering for the other Station Technical Capabilities and particularly for Naval Gun Weapon Systems. This TC provides DoD with an essential "smart buyer" capability for virtually any mechanical part in DoD and the Navy.

The Navy "laboratory" for RAMP PDES validation (state-of-the-art digitizing of repair/manufacturing/reverse engineering data using/establishing international standards). The only PARDS and PDES generation and validation activity in the Navy, the most state-of-the-art reverse engineering in DoD for mechanical items with a PARDS system in conjunction with a CMM. Less than 2 year old, environmentally compliant, state-of-the-art, largest plating, waste water treatment and hazardous storage facilities in the Eastern U. S. Navy with the greatest workload and capacity. The only Standard Missile rocket motor casing manufacturing facility public or private, the only viable gear manufacturer in DoD (1/4" to over 10'). Charter member of a local public/private/academia consortium using a selective laser sintering machine, leading the Navy and DoD in Electronic Data Interchange development and implementation. Navy and DoD designated process validation enterprise for mechanical items.

This vast breadth and depth of skills, equipment and facilities cannot readily be duplicated or transferred and is critical to the support of the only remaining engineering/industrial facility providing full spectrum life cycle support for Naval Gun Weapon Systems as well as significant, integral support to other Technical Capabilities on Station.

The Management and Distribution of Naval Drawings Technical Capability (TC #13) represents a workload base of 46 workyears*. This workload must be retained to support the Navy's requirements to provide Life Cycle Support of Management and Distribution of Naval Drawings.

NAVSEAINST 9085.2A identifies NSWC, Louisville as the repository for all Combat System, Weapons System and Ordnance System Engineering Drawings.

* Direct workyears derived from NAVCOMPT FY96/97 OSD Submit

Additionally, both JEDMICS and NEDALS roles will increase due to the decreasing number of drawing locations as the Navy downsizes.

The only system in the Navy that currently tracks engineering data is NEDALS. This system will be invaluable in locating data that is normally lost in transferring the data between ISEAs or Planning Yards. JEDMICS is the standard engineering digital imaging system within DoD. Due to its JEDMICS configuration and technical expertise in this area; the Crane Division is ideally suited for on-line storage of out-of-service engineering data that may be used for FMS cases or; if necessary, for ship's recommissioning.

The repository contains more than seven (7) million engineering drawing aperture cards and 500,000 master drawings. The repository drawing management system also tracks the master location of an additional two (2) million drawings.

The data housed in the repository is reproduced and distributed by both automatic distribution and demand requisition methods. During FY-94 reproduction services were provided to various government and industrial organizations on a "FEE-FOR-SERVICES" basis. Many requests for data are received from fleet and maintenance organizations, who utilize the data for system/equipment maintenance and operation. The data is also used by Inventory Control Points (ICPs) for the acquisition of spares and repair parts. The repsoitory's normal turn-around time to develop a Bid Set is three (3) days versus the standard twenty-eight (28) day period.

The repository is in the process of loading its active drawings into the local JEDMICS suite. There are currently more than 570,000 drawing images on the system available to work-stations within the Crane Division. The Crane Division suite has on-line storage capability of up to six (6) million images. With a T-1 communications capacity, it takes less than six (6) seconds to digitally transfer data between the Crane and Louisville sites. The data can also be transferred to ICPs with Continuous Acquisition and Life-Cycle Support (CALS) compatible systems; either electronically or via other electronic medias.

NEDALS is a unique system developed at the NSWC, Louisville for NAVSEA. It was expanded to include all Navy SYSCOMs. The expanded systems also meets the OPNAV goal to have a Navy automated central drawing index by FY96. The impact of losing NEDALS will be significant in three areas. First, the time spent by activities will increase by as much as 2.5 hours per drawing. Second, because of the electronic ordering interface, other Navy repositories will be required to increase staff to manually process drawing orders. Thirdly, many engineering drawings not located at Navy repositories will be lost to ICPs, since the automated inventorying capability will no longer be tracking drawing locations.

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The Shipboard Physical Security Technical Capability (TC #14) represents a workload base of 46 workyears*. This workload must be retained to support the Navy's requirements to provide Life Cycle Support of Shipboard Physical Security Systems.

The current and future missions of this Technical Capability are to provide the COMNAVSEASYSCOM Program Management for the Shipboard Nuclear Weapons Security (SNWS) Program and the Shipboard Physical Security (SPS) Program. Both programs are designated Priority 02 (FAD II, Designator A) and program priorities are established through the Program Manager at NSWC, Louisville.

The SNWS program is in the Production/Deployment phase and includes the acquisition and installation of the MK4 Protected Voice Portable Communications System (PVPCS), the MK6 Shipboard Internal Locking System Module (SMILS) and the MK1 Magazine Security System (MSS). These equipments are procured through Crane Division Contracting Office (Louisville site) and installed by NSWC, Louisville Alteration Installation Teams (AIT). This TC also includes Integrated Logistics Support Management and Life Cycle Support. NSWC, Louisville coordinates with the CNO, N09N1 resource sponsor for the acquisition of equipments and with the CNO Platform Sponsors (N865, N87 and N88) for Fleet Modernization Program (FMP) funds and life cycle support funds.

The SPS program is in the RDT&E phase and work is performed directly for CNO, N09N1, to develop, acquire and adapt physical security equipments for shipboard use. As Technical Direction Agent (TDA), NSWC, Louisville directs the efforts of three other participating field Activities (Crane Division; NESEA, St. Inigoes and; NSWC Dahlgren/CSS) in the acquisition, test, evaluation and fleet introduction of various shipboard physical security equipments. The program includes on-board sensors such as Security Television System, Shipboard Access Control System, Infrared Motion Detectors, Balanced Magnetic Switches, Security Force Equipments and a central Alarm Station with interfaces to other existing security equipments. Off-board sensors consist of Radars, Swimmer Detection Sonar and Hull Lighting improvements.

The personnel and facilities supporting this Technical Capability provide synergistic support and services which do not exist within DON. The diversity of skills, trades and facilities utilized in the development, acquisition, test, evaluation, installation and life cycle support of Shipboard Physical Security equipments/systems provides the synergism to maintain a "smart buyer" capability and enhance the level of physical security for fleet units to meet the Navy's changing role. The shipboard mock-ups provide a highly unique facility to test and evaluate equipment, provide fleet training, and evaluation/resolve fleet problems. Naval operational readiness for the physical security of U.S. Navy ships and Ashore sites is assured through the continued existence of this TC, and would not be available without this organic support.

* Direct workyears derived from NAVCOMPT FY96/97 OSD Submit

The Ashore Physical Security portion of this TC provides development, acquisition, test, evaluation, installation and life cycle support of equipments/physical security databases to Navy and Marine Corps customers in CONUS and outside of CONUS. The merging of these physical security functions have provided many benefits in technology sharing and use of resources to accomplish the different missions.

The interfunctional relationships between the core group of engineers, technicians and logistics management personnel is essential for optimal acquisition, supply support and continued improvements for shipboard physical security. The interfunctional relationships between this Technical Capability, and other Technical Capabilities with the NSWC, Crane Division, have proven to be valuable assets in completing the differing missions. The sharing of TC resources for logistics management, the availability of the production areas for rapid prototyping and the use of joint testing facilities among TCs 02, 08, 12 and 14 have demonstrated the importance of merging our resources and improving efficiency. The roles assigned to this Technical Capability are inherently Governmental and are essential for long-term core logistics support to the fleet.

The Shipboard Physical Security Program personnel and the Ashore Physical Security program personnel serve on tri-service panels of the DoD Physical Security Equipment Action Group (PSEAG) to ensure that technology is shared among the Air Force, Army, Navy and Marine Corps representatives. Presentations on ongoing RDT&E efforts, among each Service, are conducted at the PSEAG meetings.

The loss, or transfer, of this function would seriously limit the ability of the Navy to provide reliable, economical, technically capable, programmatic, engineering and logistics support expertise to the fleet. Transfer of the Technical Capability would result in the loss of many experienced physical security personnel who would choose not to relocate. If funds are not available to relocate the mock-ups, a serious impact would result from the inability to conduct in-house testing of "off-the-shelf"/NDI devices and internally developed equipments. Deletion of this Technical Capability function would eliminate all "coordinated" progress toward enhanced physical security for fleet units and the requirements for commonality, logistics supportability and configuration management of equipments/systems for fleet units would not be met.

Table 2-A: Disposition of Personnel - Detail Data

From Losing Base: NSWC, LOUISVILLE

To Gaining Base: NSY NORFOLK

UIC	Name	Type	1996	1997	1998	1999	2000	2001	Total
N00197	NSWC, LOUISVILLE	Officer	0	0	0	0	0	0	0
		Enlisted	0	0	0	0	0	0	0
		Civilian	0	11	34	74	111	0	* 230
		Mil Stu	0	0	0	0	0	0	0
		Officer							
		Enlisted							
		Civilian							
		Mil Stu							
		Officer							
		Enlisted							
		Civilian							
		Mil Stu							
		Officer							
		Enlisted							
		Civilian							
		Mil Stu							
		Officer							
		Enlisted							
		Civilian							
		Mil Stu							
	TOTAL	Officer	0	0	0	0	0	0	0
		Enlisted	0	0	0	0	0	0	0
		Civilian	0	11	34	74	111	0	* 230
		Mil Stu	0	0	0	0	0	0	0

Make additional copies of this table, or add rows to it, as necessary, to include each host/tenant activity which will be relocated.
Mil Stu = Military Students.

* - See next page.

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* - The 521 billets proposed for transfer to NSY Norfolk are required to accomplish budgeted depot overhaul workload anticipated through FY2001. The numbers have been validated and certified through previous Data Calls #4 and #14 and are supported by current planned workload estimates. The 521 billets have been discussed with NSY Norfolk and only 230 billets (non CIWS depot workload) of the 521 will be required.

NSY NORFOLK
230 BILLETS TRANSFERRING FOR DEPOT OVERHAUL

TYPE OF BILLET	QUANTITY	DIRECT	INDIRECT
WELDERS	6	6	0
MACHINIST	46	46	0
PLANNERS	7	0	7
ENGINEERS	14	14	0
TECHNICIANS	25	25	0
ELECTRONIC MECHANICS	47	47	0
ORDNANCE MECHANICS	57	57	0
INDUSTRIAL SPECIALIST	5	5	0
PRODUCTION CONTROLLERS	17	9	8
INSPECTORS	6	6	0
TOTAL	**230**	**215**	**15**

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Note 1: There is currently no disagreement between NSWC, Louisville and NSY Norfolk regarding the transfer of 230 billets to NSY Norfolk. However, the invocation of the direction of Federal Personnel Rules many necessitate revision of said number upwards. Per agreement between Capt. Cummings, NSWC, Louisville, and Capt. Klemm, NSY Norfolk, negotiations regarding this matter will be negotiated between the two sites.

Note 2: On 12/16/94 Revision A to this Scenario was developed to transfer the CIWS Depot workload to NSWC Crane vs. NSY Norfolk. In this revision, all other depot work still transitions to NSY Norfolk. The numbers of personnel on Table 2-A, and the skill mix table on the previous page have been reduced by the number of CIWS Depot personnel and those personnel have been shown as transferred to NSWC, Crane, Table 2-A, and its associated skill mix Table.

Table 2-B: Disposition of Personnel and Equipment - Summary

From **Losing** Base: NSWC, LOUISVILLE

To **Gaining** Base: NSY NORFOLK

	1996	1997	1998	1999	2000	2001	Total
Officer Billets	0	0	0	0	0	0	0
Enlisted Billets	0	0	0	0	0	0	0
Civilian Positions	0	11	34	74	111	0	230
Military Students	0	0	0	0	0	0	0
Tons of Mission Equipment	0	59	80	1,486	1,087	* 592	3,304
Tons of Support Equipment	0	3,012	3,012	3,011	0	0	9,035
Number of Light Vehicles	0	0	0	0	0	0	** 0
Number of Heavy Vehicles	0	0	0	0	0	0	** 0

* The transition of a function, i.e., "Depot overhaul of MK45", to the Gaining Activity cannot be accomplished/completed until all tooling, fixtures, equipment and machines are in place and the depot overhaul line is recertified. Since the move to NSY Norfolk has prerequisite MILCON (Rehabilitation) requirements, the transition of NSWC, Louisville equipment and machines must be delayed. MILCON efforts cannot be initiated until FY96. If the MILCON(s) complete in FY98, then the teardown/transition of NSWC, Louisville tooling, fixtures, equipment and machinery can begin in FY99 and be completed by FY01. This is an optimistic schedule since: MILCON delays could occur; teardown/transition from NSWC, Louisville could be delayed due to completion of fleet overhaul requirements; and delays in "re-certifying" the Gaining Activity's "depot overhaul lines" could occur due to depot overhaul requirements for Naval Gun Weapon Systems.

**** - See next page**

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Supporting Data for Table 2-B. Use the space below to list the types of Mission Equipment, Support Equipment, Light Vehicles and Heavy Vehicles identified as required to be relocated in Table 2-B and the rationale for relocating this equipment. Attach additional sheets as necessary.

Type of Equipment/Vehicles	Rationale for Relocating
Light Vehicles - None	N/A
Heavy/Special Vehicles - None	N/A

**** - As of 1400 on 12/04/94, NSY Norfolk stated that they did not require any of the NSWC, Louisville "Light Vehicles" or "Heavy Vehicles".**

A listing of vehicles currently in use at NSWC, Louisville is as follows:

Light Vehicles

		Quantity
Cars, Station Wagons and Ambulances		13
Trucks, Vans, Jeeps and Fire Trucks		21
Garbage Truck (Dumpster Type)		1
	Total	35

Heavy Vehicles

Platform Trucks	10
EZ-GO Vehicles	44
Trailers	7
Mobile Crane	1
Mules	3
2,200# Forklift (Electric)	1
3,000# Forklifts (Electric)	4
4,000# Forklifts (Electric)	31
6,000# Forklifts (Electric)	6
4,000# Forklifts (Gas)	3
6,000# Forklifts (Gas)	10
10,000# Forklifts (Gas)	2
20,000# Forklift (Gas)	1
40,000# Forklift (Gas)	1
Sideloaders	3
Order Pickers	2
Scissor Lifts	2
4,000# Pallet Movers	25

6,000# Pallet Movers		11
Floor Sweepers and Scrubbers		3
Tractors and Backhoes		3
Railroad Locomotive		1
Railroad Cars		8
Cross Aisle Car		1
	Total	183

Justification for Relocation:

The Naval Gun Weapon Systems Technical Capability (TC #2) represent a workload base of 864 workyears*. This workload must be retained to support the Navy's requirements to provide Life Cycle Support of Naval Gun Weapon Systems. The primary missions of this TC are to provide core leadership in the acquisition, maintenance, and operational support of in-service and emerging NGWS/equipments; maintain the Navy's corporate memory (technical knowledge repository) of sufficient breadth, depth, and continuity to be able to perform as a smart buyer; maintain rapid response capability for reconstitution of our Naval forces if mobilization is needed; ensure that current and future fleet operational readiness requirements are achieved and maintained; and through defense conversion and technological transfer initiatives, strengthen the private sector's technology base for mission critical elements of NGWS/equipments.

This TC supports more than one product area element (PAE) by supporting both Engagement Systems (guns) and Theater Air Defense Systems. Future operational requirements for these PAEs have been significantly influenced by the Littoral Warfare Strategies described in "Forward...From the Sea". Due to the "operating forward" requirements of Littoral Warfare, surface combatants must operate near shore to provide NGFS in support joint operations with Marine and/or Army ground forces. Because Littoral warfare places our ships at a greater risk from multiple land, air and sea based threats, Theater Air Defense Systems will be critical to ship survivability. Thus, this TC is necessary to support other product areas due to the Littoral Warfare missions utilizing NGWS/equipments which further illustrates JMA responsibilities.

The inherently governmental function (smart-buyer) performed by this TC represents the Navy's corporate memory for NGWS/equipments and is impractical for the private sector to assume. This TC has been acquired over most of the fifty years that the NSWC/CD facilities have been a provider of goods (military) and services (engineering). The customer base of this TC includes other branches of DoD, non-DoD and FMS customers. For example, the FMS customer base for the PHALANX CIWS security assistance program currently supports Australia, Canada, Greece, Israel, Japan, Portugal, Saudi Arabia, Taiwan, Turkey and the United Kingdom with Brazil, Egypt, New Zealand, Spain, Thailand and Venezuela in the process of obtaining systems.

The full spectrum hands-on experience in both a sponsorship role and appraisal role in support of acquisition and readiness in the functional areas of exploration, assessment, development, evaluation, production, operation and maintenance provides a unique synergy for NGWS/equipments support.

Undoubtedly, this TC's most important resource is its people which cumulatively represents thousands of man-years of experience. The stability of it's work force provides

* Direct workyears derived from NAVCOMPT FY96/97 OSD Submit

the continuity necessary to perform the inherently governmental roles of sponsorship and appraisal required for life cycle support of NGWS/equipments. Whether developing, modernizing, upgrading, maintaining or producing major system prototypes or reactivating "Old Warrior" (Battleships) this TC has been able to maintain a core technological base to respond to any operational fleet requirement. Operational readiness would be impacted if this TC were not maintained organically.

The unique integration of engineering/industrial capability provides a full spectrum manufacturing, repair and systems overhaul capability for which no other source exists, for products where no interest exists in the private sector and for rapid response situations to fleet safety requirements.

Loss of this TC would result in an irreversible loss of the Navy's corporate memory (a DON imperative to maintain a repository of technical knowledge for critical mission essential Weapons Systems/equipments supported by this TC) and the loss of an inherently governmental role, that of being a smart buyer. Additionally, the Navy's ability to reconstitute resources to address future threats would be severely limited.

Specialized Mechanical Technology and Manufacturing Technical Capability (TC #12) is a major DoD technology testbed and transfer site as well as an integral part of the last and only activity providing complete in-house engineering/industrial full spectrum life cycle support for Naval Gun Weapon Systems. This TC is a major technical and industrial complex with collocated concurrent design, engineering, prototyping and manufacturing. 566K sqft of industrial space in 6 adjacent industrial buildings provide 199 direct workyears* for this TC and other TCs on Station. NAVFAC cost to replace facilities is $95M and $246M to replace over 1,300 machines/equipage with the largest machine weighing over 300 tons and with over 65 CNC machines. This TC has four primary missions, each having extensive application to the industrial base and its' future development. The four primary missions are 1) provide concurrent R&D and engineering, transition to production and provide full life cycle technical support, 2) Navy and DoD testbed for developing, verifying and applying new/emerging technology to all phases of product engineering, 3) maintain/provide the Navy and DoD last/only source capability for difficult to procure/manufacture/repair/modernize mechanical items, particularly for the Navy Mission and Fleet rapid response, and 4) provide concurrent product engineering for the other Station Technical Capabilities and particularly for Naval Gun Weapon Systems. This TC provides DoD with an essential "smart buyer" capability for virtually any mechanical part in DoD and the Navy.

The Navy "laboratory" for RAMP PDES validation (state-of-the-art digitizing of repair/manufacturing/reverse engineering data using/establishing international standards). The only PARDS and PDES generation and validation activity in the Navy, the most state-of-the-art reverse engineering in DoD for mechanical items with a PARDS system in

* Direct workyears derived from NAVCOMPT FY96/97 OSD Submit

conjunction with a CMM. Less than 2 year old, environmentally compliant, state-of-the-art, largest plating, waste water treatment and hazardous storage facilities in the Eastern U. S. Navy with the greatest workload and capacity. The only Standard Missile rocket motor casing manufacturing facility public or private, the only viable gear manufacturer in DoD (1/4" to over 10'). Charter member of a local public/private/academia consortium using a selective laser sintering machine, leading the Navy and DoD in Electronic Data Interchange development and implementation. Navy and DoD designated process validation enterprise for mechanical items.

This vast breadth and depth of skills, equipment and facilities cannot readily be duplicated or transferred and is critical to the support of the only remaining engineering/industrial facility providing full spectrum life cycle support for Naval Gun Weapon Systems as well as significant, integral support to other Technical Capabilities on Station.

The Shipboard Physical Security Technical Capability (TC #14) represents a workload base of 46 workyears*. This workload must be retained to support the Navy's requirements to provide Life Cycle support of Shipboard Physical Security Systems.

The current and future missions of this Technical Capability are to provide the COMNAVSEASYSCOM Program Management for the Shipboard Nuclear Weapons Security (SNWS) Program and the Shipboard Physical Security (SPS) Program. Both programs are designated Priority 02 (FAD II, Designator A) and program priorities are established through the Program Manager at NSWC, Louisville.

The SNWS program is in the Production/Deployment phase and includes the acquisition and installation of the MK4 Protected Voice Portable Communications System (PVPCS), the MK6 Shipboard Internal Locking System Module (SMILS) and the MK1 Magazine Security System (MSS). These equipments are procured through Crane Division Contracting Office (Louisville site) and installed by NSWC, Louisville Alteration Installation Teams (AIT). This TC also includes Integrated Logistics Support Management and Life Cycle Support. NSWC, Louisville coordinates with the CNO, N09N1 resource sponsor for the acquisition of equipments and with the CNO Platform Sponsors (N865, N87 and N88) for Fleet Modernization Program (FMP) funds and life cycle support funds.

The SPS program is in the RDT&E phase and work is performed directly for CNO, N09N1, to develop, acquire and adapt physical security equipments for shipboard use. As Technical Direction Agent (TDA), NSWC, Louisville directs the efforts of three other participating field Activities (Crane Division; NESEA, St. Inigoes and; NSWC Dahlgren/CSS) in the acquisition, test, evaluation and fleet introduction of various shipboard physical security equipments. The program includes on-board sensors such as Security Television System, Shipboard Access Control System, Infrared Motion Detectors,

* Direct workyears derived from NAVCOMPT FY96/97 OSD Submit

Balanced Magnetic Switches, Security Force Equipments and a central Alarm Station with interfaces to other existing security equipments. Off-board sensors consist of Radars, Swimmer Detection Sonar and Hull Lighting improvements.

The personnel and facilities supporting this Technical Capability provide synergistic support and services which do not exist within DON. The diversity of skills, trades and facilities utilized in the development, acquisition, test, evaluation, installation and life cycle support of Shipboard Physical Security equipments/systems provides the synergism to maintain a "smart buyer" capability and enhance the level of physical security for fleet units to meet the Navy's changing role. The shipboard mock-ups provide a highly unique facility to test and evaluate equipment, provide fleet training, and evaluation/resolve fleet problems. Naval operational readiness for the physical security of U.S. Navy ships and Ashore sites is assured through the continued existence of this TC, and would not be available without this organic support.

The Ashore Physical Security portion of this TC provides development, acquisition, test, evaluation, installation and life cycle support of equipments/physical security databases to Navy and Marine Corps customers in CONUS and outside of CONUS. The merging of these physical security functions have provided many benefits in technology sharing and use of resources to accomplish the different missions.

The interfunctional relationships between the core groups of engineers, technicians and logistics management personnel is essential for optimal acquisition, supply support and continued improvements for shipboard physical security. The interfunctional relationships between this Technical Capability, and other Technical Capabilities with the NSWC Crane Division have proven to be valuable assets in completing the differing missions. The sharing of TC resources for logistics management, the availability of the production areas for rapid prototyping and the use of joint testing facilities among TCs 02, 08, 12 and 14 have demonstrated the importance of merging our resources and improving efficiency. The roles assigned to this Technical Capability are inherently Governmental and are essential for long-term core logistics support to the fleet.

The Shipboard Physical Security Program personnel and the ashore Physical Security program personnel serve on tri-service panels of the DoD Physical Security Equipment Action Group (PSEAG) to ensure that technology is shared among the Air Force, Army, Navy and Marine Corps representatives. Presentations on ongoing RDT&E efforts, among each Service, are conducted at the PSEAG meetings.

The loss of this function would seriously limit the ability of the Navy to provide reliable, economical, technically capable, programmatic engineering and logistics support expertise to the fleet. Transfer of the Technical Capability would result in the loss of many experienced physical security personnel who would choose not to relocate. If funds are not available to relocate the mock-ups, a serious impact would result from the

inability to conduct in-house testing of "off-the-shelf"/NDI devices and internally developed equipments. Deletion of this Technical Capability function would eliminate all "coordinated" progress toward enhanced physical security for fleet units and the requirements for commonality, logistics supportability and configuration management of equipments/systems for fleet units would not be met.

BRAC-95 SCENARIO DEVELOPMENT DATA CALL
Enclosure (2) - LOSING BASE QUESTIONS

Table 2-A: Disposition of Personnel - Detail Data

From Losing Base: NSWC, LOUISVILLE

To Gaining Base: NSWC, CRANE

UIC	Name	Type	1996	1997	1998	1999	2000	2001	Total
N00197	NSWC, LOUISVILLE	Officer	0	0	0	0	0	0	0
		Enlisted	0	0	2	0	***& **** 4	0	*&*** &**** 6
		Civilian	0	13	71	*** 242	***& ****175	** 0	*&***& ****501
		Mil Stu	0	0	0	0	0	0	0
**** N35026	CNET	Officer	0	0	0	0	0	0	0
		Enlisted	0	0	0	0	**** 5	0	**** 5
		Civilian	0	0	0	0	0	0	0
		Mil Stu	0	0	0	0	0	0	0
**** 00197	NSWC, CRANE NEW ORLEANS LA	Officer	0	0	0	0	0	0	0
		Enlisted	0	0	0	0	0	0	0
		Civilian	0	0	0	0	**** 1	0	**** 1
		Mil Stu	0	0	0	0	0	0	0
**** 63394	NSWSES PORT HUENEME	Officer	0	0	0	0	0	0	0
		Enlisted	0	0	0	0	0	0	0
		Civilian	0	0	0	0	**** 2	0	**** 2
		Mil Stu	0	0	0	0	0	0	0
**** N43636	DEFENSE PRINTING SERVICE	Officer	0	0	0	0	0	0	0
		Enlisted	0	0	0	0	0	0	0
		Civilian	0	0	0	0	**** 14	0	**** 14
		Mil Stu	0	0	0	0	0	0	0
	TOTAL	Officer	0	0	0	0	0	0	0
		Enlisted	0	0	2	0	*** 9	0	*&*** 11
		Civilian	0	13	71	*** 242	*** 192	** 0	*&***518
		Mil Stu	0	0	0	0	0	0	0

Make additional copies of this table, or add rows to it, as necessary, to include each host/tenant activity which will be relocated.

Mil Stu – Military Students.

BRAC-95 SCENARIO DEVELOPMENT DATA CALL
Enclosure (2) - LOSING BASE QUESTIONS

* - The 529 billets (518 civilians, 11 enlisted) proposed for transfer to NSWC, Crane are required to accomplish budgeted CIWS Depot & Acquisition/Product Engineering workload anticipated through FY2001. The numbers have been validated and certified through previous Data Calls #4, #5, #12 and #14 and are supported by current planned workload estimates. The 529 billets have been discussed and agreed upon with NSWC, Crane.

529 BILLETS TRANSFERRING FOR CIWS DEPOT & ACQ/PRODUCT ENGR TO NSWC, CRANE

TYPE OF BILLET	QUANTITY	DIRECT	INDIRECT
PAINTERS	5	5	0
PLATERS	7	7	0
FABRICATORS	9	9	0
WELDERS	11	11	0
MACHINIST	26	26	0
EQUIPMENT SPECIALIST	14	14	0
PLANNERS	4	2	2
ENGINEERS	**** 127	**** 127	0
TECHNICIANS	72	72	0
LOGISTIC MGMT	4	4	0
DATA MANAGEMENT	10	10	0
MANAGEMENT ASSTS	19	10	9
PROD CONTROLLERS	4	3	1
INSPECTORS	4	4	0
QA SPECIALISTS	1	1	0
ELECT. MECHANICS	119	119	0
ORD MECHANICS	40	40	0
IND SPECIALISTS	25	25	0
TENANTS	17	0	17
MILITARY	11	11	0
TOTAL	**** 529	**** 500	29

** - The transition of personnel from NSWC, Louisville to NSWC, Crane has been shown to be complete not later than FY00, at the direction of NSWC, Crane and certified in Scenario 3-20-0202-028.

*** - Changes in response to discussions between the BSAT, NSWC and NSWC, Crane on 12/20/94.

**** - Correction made to personnel numbers as a result of a personnel number correction in Table 2-A on page 2-25.

Table 2-B: Disposition of Personnel and Equipment - Summary

From Losing Base: NSWC, LOUISVILLE							
To Gaining Base: NSWC, CRANE							
	1996	1997	1998	1999	2000	2001	Total
Officer Billets	0	0	0	0	0	0	0
Enlisted Billets	0	0	2	0	** 9	0	** 11
Civilian Positions	0	13	71	** 242	** & *** 192	0	** & *** 518
Military Students	0	0	0	0	0	0	0
Tons of Mission Equipment	0	0	163	** 949	** 1622	0	** 2,734
Tons of Support Equipment	0	1702	1702	1703	0	0	5,107
Number of Light Vehicles	0	0	0	0	0	0	* 0
Number of Heavy Vehicles	0	0	0	0	11	0	* 11

Supporting Data for Table 2-B. Use the space below to list the types of Mission Equipment, Support Equipment, Light Vehicles and Heavy Vehicles identified as required to be relocated in Table 2-B and the rationale for relocating this equipment. Attach additional sheets as necessary.

Type of Equipment/Vehicles	Rationale for Relocating
CIWS Blk 0	Necessary to support transferred workload.
CIWS Blk 1	
CIWS Facility	

*** See next page**
**** See next page**
*** - Correction made to personnel numbers as a result of a personnel number correction in Table 2-A on page 2-25.

* Light Vehicles - None

Heavy/Special Vehicles	List of proposed Material Handling Equipment to be shipped to NSWC, Crane site to support CIWS depot overhaul.
	Qty
4,000# Forklifts (Electric)	5
6,000# Forklifts (Electric)	1
6,000# Forklifts (Gas)	1
40,000# Forklifts (Gas)	1
4,000# Pallet Movers	2
Floor Sweepers and Scrubbers	1
Total	11

** Changes in response to discussions between the BSAT, NSWC and NSWC, Crane on 12/20/94.

BRAC-95 SCENARIO DEVELOPMENT DATA CALL
Enclosure (2) - LOSING BASE QUESTIONS

Justification for Relocation:

The Naval Gun Weapon Systems Technical Capability (TC #2) represent a workload base of 864 workyears*. This workload must be retained to support the Navy's requirements to provide Life Cycle Support of Naval Gun Weapon Systems. The primary missions of this TC are to provide core leadership in the acquisition, maintenance, and operational support of in-service and emerging NGWS/equipments; maintain the Navy's corporate memory (technical knowledge repository) of sufficient breadth, depth, and continuity to be able to perform as a smart buyer; maintain rapid response capability for reconstitution of our Naval forces if mobilization is needed; ensure that current and future fleet operational readiness requirements are achieved and maintained; and through defense conversion and technological transfer initiatives, strengthen the private sector's technology base for mission critical elements of NGWS/equipments.

This TC supports more than one product area element (PAE) by supporting both Engagement Systems (guns) and Theater Air Defense Systems. Future operational requirements for these PAEs have been significantly influenced by the Littoral Warfare Strategies described in "Forward...From the Sea". Due to the "operating forward" requirements of Littoral Warfare, surface combatants must operate near shore to provide NGFS in support joint operations with Marine and/or Army ground forces. Because Littoral warfare places our ships at a greater risk from multiple land, air and sea based threats, Theater Air Defense Systems will be critical to ship survivability. Thus, this TC is necessary to support other product areas due to the Littoral Warfare missions utilizing NGWS/equipments which further illustrates JMA responsibilities.

The inherently governmental function (smart-buyer) performed by this TC represents the Navy's corporate memory for NGWS/equipments and is impractical for the private sector to assume. This TC has been acquired over most of the fifty years that the NSWC/CD facilities have been a provider of goods (military) and services (engineering). The customer base of this TC includes other branches of DoD, non-DoD and FMS customers. For example, the FMS customer base for the PHALANX CIWS security assistance program currently supports Australia, Canada, Greece, Israel, Japan, Portugal, Saudi Arabia, Taiwan, Turkey and the United Kingdom with Brazil, Egypt, New Zealand, Spain, Thailand and Venezuela in the process of obtaining systems.

The full spectrum hands-on experience in both a sponsorship role and appraisal role in support of acquisition and readiness in the functional areas of exploration, assessment, development, evaluation, production, operation and maintenance provides a unique synergy for NGWS/equipments support.

Undoubtedly, this TC's most important resource is its people which cumulatively represents thousands of man-years of experience. The stability of it's work force provides

* Direct workyears derived from NAVCOMPT FY96/97 OSD Submit

the continuity necessary to perform the inherently governmental roles of sponsorship and appraisal required for life cycle support of NGWS/equipments. Whether developing, modernizing, upgrading, maintaining or producing major system prototypes or reactivating "Old Warrior" (Battleships) this TC has been able to maintain a core technological base to respond to any operational fleet requirement. Operational readiness would be impacted if this TC were not maintained organically.

The unique integration of engineering/industrial capability provides a full spectrum manufacturing, repair and systems overhaul capability for which no other source exists, for products where no interest exists in the private sector and for rapid response situations to fleet safety requirements.

Loss of this TC would result in an irreversible loss of the Navy's corporate memory (a DON imperative to maintain a repository of technical knowledge for critical mission essential Weapons Systems/equipments supported by this TC) and the loss of an inherently governmental role, that of being a smart buyer. Additionally, the Navy's ability to reconstitute resources to address future threats would be severely limited.

The Management and Distribution of Naval Drawings Technical Capability (TC #13) represents a workload base of 46 workyears*. This workload must be retained to support the Navy's requirements to provide Life Cycle Support of Management and Distribution of Naval Drawings.

NAVSEAINST 9085.2A identifies NSWC, Louisville as the repository for all Combat System, Weapons System and Ordnance System Engineering Drawings. Additionally, both JEDMICS and NEDALS roles will increase due to the decreasing number of drawing locations as the Navy downsizes.

The only system in the Navy that currently tracks engineering data is NEDALS. This system will be invaluable in locating data that is normally lost in transferring the data between ISEAs or Planning Yards. JEDMICS is the standard engineering digital imaging system within DoD. Due to its JEDMICS configuration and technical expertise in this area; the Crane Division is ideally suited for on-line storage of out-of-service engineering data that may be used for FMS cases or; if necessary, for ship's recommissioning.

The repository contains more than seven (7) million engineering drawing aperture cards and 500,000 master drawings. The repository drawing management system also tracks the master location of an additional two (2) million drawings.

The data housed in the repository is reproduced and distributed by both automatic distribution and demand requisition methods. During FY-94 reproduction services were provided to various government and industrial organizations on a "FEE-FOR-SERVICES"

* Direct workyears derived from NAVCOMPT FY96/97 OSD Submit

basis. Many requests for data are received from fleet and maintenance organizations, who utilize the data for system/equipment maintenance and operation. The data is also used by Inventory Control Points (ICPs) for the acquisition of spares and repair parts. The repository's normal turn-around time to develop a Bid Set is three (3) days versus the standard twenty-eight (28) day period.

The repository is in the process of loading its active drawings into the local JEDMICS suite. There are currently more than 570,000 drawing images on the system available to work-stations within the Crane Division. The Crane Division suite has on-line storage capability of up to six (6) million images. With a T-1 communications capacity, it takes less than six (6) seconds to digitally transfer data between the Crane and Louisville sites. The data can also be transferred to ICPs with Continuous Acquisition and Life-Cycle Support (CALS) compatible systems; either electronically or via other electronic medias.

NEDALS is a unique system developed at the NSWC, Louisville for NAVSEA. It was expanded to include all Navy SYSCOMs. The expanded systems also meets the OPNAV goal to have a Navy automated central drawing index by FY96. The impact of losing NEDALS will be significant in three areas. First, the time spent by activities will increase by as much as 2.5 hours per drawing. Second, because of the electronic ordering interface, other Navy repositories will be required to increase staff to manually process drawing orders. Thirdly, many engineering drawings not located at Navy repositories will be lost to ICPs, since the automated inventorying capability will no longer be tracking drawing locations.

Table 2-A: Disposition of Personnel - Detail Data

From Losing Base: NSWC, LOUISVILLE

To Gaining Base: NSWC, PORT HUENEME

UIC	Name	Type	1996	1997	1998	1999	2000	2001	Total
N00197	NSWC, LOUISVILLE	Officer	0	0	0	0	0	0	0
		Enlisted	0	0	0	0	** 0	0	** 0
		Civilian	0	0	0	35	** 48	** 24	* & ** 107
		Mil Stu	0	0	0	0	0	0	0
		Officer							
		Enlisted							
		Civilian							
		Mil Stu							
		Officer							
		Enlisted							
		Civilian							
		Mil Stu							
		Officer							
		Enlisted							
		Civilian							
		Mil Stu							
		Officer							
		Enlisted							
		Civilian							
		Mil Stu							
	TOTAL	Officer	0	0	0	0	0	0	0
		Enlisted	0	0	0	0	** 0	0	** 0
		Civilian	0	0	0	35	** 48	** 24	* & ** 107
		Mil Stu	0	0	0	0	0	0	0

Make additional copies of this table, or add rows to it, as necessary, to include each host/tenant activity which will be relocated.

Mil Stu = Military Students.

* - See next page
** - See (*) note on next page

BRAC-95 SCENARIO DEVELOPMENT DATA CALL
Enclosure (2) - LOSING BASE QUESTIONS

* - The 107 civilian billets proposed for transfer to NSWC, Port Hueneme are required to accomplish budgeted In-Service Engineering (ISE) workload anticipated through FY2001. The numbers have been validated and certified through previous Data Calls #5 and #12 and are supported by current planned workload estimates. Forty-eight (48) ISE billets not required by NSWC, Port Hueneme have been included in "Eliminated Positions" on page 2-43. The 107 billets have been discussed and agreed upon with NSWC, Port Hueneme.

NSWC, PORT HUENEME
107 BILLETS TRANSFERRING FOR ISE

TYPE OF BILLET	QUANTITY	DIRECT	INDIRECT
ENGINEERS	29	29	0
TECHNICIANS	28	28	0
COMPUTER SPECIALIST	15	15	0
LOGISTIC MANAGEMENT	11	11	0
DATA MANAGEMENT	18	18	0
MANAGEMENT ASSTS	6	3	3
TOTAL	*** 107**	*** 104**	**3**

*** - Changes in response to discussions between the BSAT, NSWC and NSWC, Crane on 12/20/94.**

Note: The quantities in the above table have been reduced by 30 civilian billets due to BRAC 91 changes. BRAC 91 requires the realignment of 30 workyears of Combat Systems ISEA work from NSWC, Louisville to NSWC, Port Hueneme by FY 97 with no expected impact on existing facilities. These two activities are engaged in a process to identify the Combat Systems ISEA workload and accomplish the required realignment. This process has been complicated by the need to sort out the Gun Weapon Systems Acquisition Engineering being performed at NSWC, Louisville and the Gun Weapon Systems ISEA, identified for transfer to Port Hueneme. The engineering personnel at NSWC, Louisville support both of these functions. However, we recognize the requirement

to accomplish the 30 Combat Systems ISEA workyears to be realigned as directed in BRAC 91 and state that no costs for these 30 workyears are included in the BRAC 95 scenarios. The costs identified in scenarios 012 and 013 are due to the transition of an additional 166 billets (157 civilian and 9 military) for these scenarios. Thirty (30) billets should not be included in the COBRA algorithm entries for this BRAC 95 scenario.

BRAC-95 SCENARIO DEVELOPMENT DATA CALL
Enclosure (2) - LOSING BASE QUESTIONS

Table 2-B: Disposition of Personnel and Equipment - Summary

From **Losing** Base: NSWC, LOUISVILLE

To **Gaining** Base: NSWC, PORT HUENEME

	1996	1997	1998	1999	2000	2001	Total
Officer Billets	0	0	0	0	0	0	0
Enlisted Billets	0	0	0	0	* 0	0	* 0
Civilian Positions	0	0	0	35	* 48	* 24	* 107
Military Students	0	0	0	0	0	0	0
Tons of Mission Equipment	0	0	63	127	* 130	* 65	* 385
Tons of Support Equipment	0	0	0	0	0	0	0
Number of Light Vehicles	0	0	0	0	0	0	0
Number of Heavy Vehicles	0	0	0	0	0	0	0

Supporting Data for Table 2-B. Use the space below to list the types of Mission Equipment, Support Equipment, Light Vehicles and Heavy Vehicles identified as required to be relocated in Table 2-B and the rationale for relocating this equipment. Attach additional sheets as necessary.

Type of Equipment/Vehicles	Rationale for Relocating
MK45 Gun System	Necessary to support transferred workload.
MK75 Gun System	
Vehicles - None	N/A

*** - Changes in response to discussions between the BSAT, NSWC and NSWC, Crane on 12/20/94.**

BRAC-95 SCENARIO DEVELOPMENT DATA CALL
Enclosure (2) - LOSING BASE QUESTIONS

Justification for Relocation:

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The full spectrum hands-on experience in both a sponsorship role and appraisal role in support of acquisition and readiness in the functional areas of exploration, assessment, development, evaluation, production, operation and maintenance provides a unique synergy for NGWS/equipments support.

Undoubtedly, this TC's most important resource is its people which cumulatively represents thousands of man-years of experience. The stability of it's work force provides

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the continuity necessary to perform the inherently governmental roles of sponsorship and appraisal required for life cycle support of NGWS/equipments. Whether developing, modernizing, upgrading, maintaining or producing major system prototypes or reactivating "Old Warrior" (Battleships) this TC has been able to maintain a core technological base to respond to any operational fleet requirement. Operational readiness would be impacted if this TC were not maintained organically.

The unique integration of engineering/industrial capability provides a full spectrum manufacturing, repair and systems overhaul capability for which no other source exists, for products where no interest exists in the private sector and for rapid response situations to fleet safety requirements.

Loss of this TC would result in an irreversible loss of the Navy's corporate memory (a DON imperative to maintain a repository of technical knowledge for critical mission essential Weapons Systems/equipments supported by this TC) and the loss of an inherently governmental role, that of being a smart buyer. Additionally, the Navy's ability to reconstitute resources to address future threats would be severely limited.

Table 2-A: Disposition of Personnel - Detail Data

From Losing Base: NSWC, LOUISVILLE

To Gaining Base: NSWC, DAHLGREN

UIC	Name	Type	1996	1997	1998	1999	2000	2001	Total
N00197	NSWC, LOUISVILLE	Officer	0	0	0	0	0	0	0
		Enlisted	0	0	0	0	0	0	0
		Civilian	8	0	0	0	0	0	* 8
		Mil Stu	0	0	0	0	0	0	0
		Officer							
		Enlisted							
		Civilian							
		Mil Stu							
		Officer							
		Enlisted							
		Civilian							
		Mil Stu							
		Officer							
		Enlisted							
		Civilian							
		Mil Stu							
		Officer							
		Enlisted							
		Civilian							
		Mil Stu							
	TOTAL	Officer	0	0	0	0	0	0	0
		Enlisted	0	0	0	0	0	0	0
		Civilian	8	0	0	0	0	0	* 8
		Mil Stu	0	0	0	0	0	0	0

* - See next page

BRAC-95 SCENARIO DEVELOPMENT DATA CALL
Enclosure (2) - LOSING BASE QUESTIONS

* - The 8 civilian billets proposed for transfer to NSWC, Dalghren are required to accomplish budgeted Science and Technology workload anticipated through FY2001.

NSWC, DAHLGREN
8 BILLETS TRANSFERRING FOR SCIENCE & TECHNOLOGY

TYPE OF BILLET	QUANTITY	DIRECT	INDIRECT
ENGINEERS	8	8	0
TOTAL	**8**	**8**	**0**

Table 2-B: Disposition of Personnel and Equipment - Summary

From **Losing** Base: NSWC, LOUISVILLE

To **Gaining** Base: NSWC, DAHLGREN

	1996	1997	1998	1999	2000	2001	Total
Officer Billets	0	0	0	0	0	0	0
Enlisted Billets	0	0	0	0	0	0	0
Civilian Positions	8	0	0	0	0	0	8
Military Students	0	0	0	0	0	0	0
Tons of Mission Equipment	0	0	0	0	0	0	0
Tons of Support Equipment	0	0	0	0	0	0	0
Number of Light Vehicles	0	0	0	0	0	0	0
Number of Heavy Vehicles	0	0	0	0	0	0	0

Supporting Data for Table 2-B. Use the space below to list the types of Mission Equipment, Support Equipment, Light Vehicles and Heavy Vehicles identified as required to be relocated in Table 2-B and the rationale for relocating this equipment. Attach additional sheets as necessary.

Type of Equipment/Vehicles	Rationale for Relocating
N/A	N/A

Table 2-C: Eliminated Billets/Positions

Using the Base Loading Data Attachment, identify, by UIC, for both the host and tenant activities, the number of military billets and/or civilian positions which will be eliminated as a result of the closure/realignment scenario. For each UIC on the Base Loading Data Attachment where military billets and/or civilian positions will be eliminated, make a separate entry on Table 2-C. Identify the number of Officer Billets, Enlisted Billets and/or Civilian Positions which will be eliminated in each Fiscal Year. Note that for a total closure scenario, the total number of billets/positions moved plus those eliminated must equal the entire workforce at the activity as of the end of FY 2001 as shown on Base Loading Data Attachment. Numbers entered here should reflect a thorough review of staffing requirements at both the losing and receiving sites, and include **all** potential job eliminations which would result from consolidation efficiencies, economies of scale, etc. Reductions should reflect both overhead/support eliminations and direct labor eliminations, as appropriate. Eliminations should be entered in the year(s) in which they are expected to occur, for example, if 80 civilian positions will be eliminated in FY 2000 and an additional 50 positions will be eliminated in FY 2001, then enter the data as follows: FY 1996 - 1999 = 0, FY 2000 = 80, FY 2001 = 50, Total = 130. **Do not identify any of the following as eliminated billets/positions in Table 2-C:**

- Planned Force Structure Reductions (FY 1996 through 2001).
- Military Students.
- Non-DON tenants.

Drilling reservists should also not be included in numbers of eliminated billets. Disposition of any tenant or reserve activities must be adequately coordinated.

Table 2-C: Eliminated Billets/Positions

Losing Base Name: NSWC, LOUISVILLE

UIC	Name	Type	1996	1997	1998	1999	2000	2001	Total
N00197	NSWC, LOUISVILLE	Officer	0	0	0	0	1	2	* 3
		Enlisted	0	0	0	0	0	0	0
		Civilian	0	46	66	131	** & **** 147	49	*,** &**** 439
*** N63053	NIS	Officer	0	0	0	0	0	0	0
		Enlisted	0	0	0	0	0	0	0
		Civilian	0	0	0	0	1	0	* 1
*** N43050	PSD	Officer	0	0	0	0	0	0	0
		Enlisted	0	0	0	0	0	0	0
		Civilian	0	0	0	1	0	0	* 1
*** N62467	NAVFAC	Officer	0	0	0	0	0	1	* 1
		Enlisted	0	0	0	0	0	0	0
		Civilian	0	0	0	0	3	0	* 3
		Officer							
		Enlisted							
		Civilian							
	TOTAL	Officer	0	0	0	0	1	3	* 4
		Enlisted	0	0	0	0	0	0	0
		Civilian	0	46	66	132	** & **** 151	49	*,** & **** 444

Make additional copies of this table, or add rows to it, as necessary, to include each host/tenant activity with eliminated positions/billets.

* - See next page

** - Changes in response to discussions between the BSAT, NSWC and NSWC, Crane on 12/20/94.

*** - NSWC, Crane (Matthews) phoned NSWC, Louisville (Bohn) on 02/01/95 and relayed that NAVSEA (Logan) wanted NSWC, Louisville to revise Table 2-A of all Scenario Data Calls to include the UICs of all Tenant Activities being transferred or eliminated (Table 2-C).

**** - Correction made to personnel numbers as a result of a personnel number correction in Table 2-A on page 2-25.

* - The 448 billets (444 civilian, 4 officers) consist of 332 depot overhaul billets, 84 ISE billets, 23 G&A billets, 5 Civilian tenant billets and 4 Officer billets. The "eliminated billets" were negotiated with NSY Norfolk and NSWC, Port Hueneme, respectively. Workload for transition of all other billets has been substantiated.

448 BILLETS BEING ELIMINATED NSWC, LOUISVILLE

TYPE OF BILLET	QUANTITY	DIRECT	INDIRECT
PAINTERS	12	12	0
HEAT TREATERS	8	8	0
FABRICATORS	32	32	0
WELDERS	35	35	0
MACHINISTS	69	69	0
ENGINEERS	** 51	** 51	0
DATA MANAGEMENT	13	13	0
ELECTRONIC MECHANICS	25	25	0
ORDNANCE EQUIP. MECHANICS	51	51	0
LOGISTIC MANAGEMENT SPEC.	11	11	0
MANAGEMENT ASSTS.	13	12	1
PRODUCTION CONTROLLERS	21	10	11
INSPECTORS	7	7	0
QA SPECIALISTS	4	4	0
PLATERS	23	23	0
DEPOT MANAGERS	41	0	41
ADMINISTRATION	13	0	13
SUPPLY MANAGEMENT	10	0	10
TENANTS	5	0	5
MILITARY	4	0	4
TOTAL	**** 448**	**** 363**	**85**

** - Change made as a result of a personnel number correction in Table 2-A on page 2-25.

Table 2-D: Manpower Reconciliation Data. It is imperative that all manpower is accurately accounted for in the closure/realignment scenario. Using the data from the Base Loading Data Attachment and Tables 2-B and 2-C, complete the "reconciliation" table shown on the next page. Note that Line C of the table should include any changes in manpower resulting from the implementation of prior BRAC actions at the base. These changes should also be annotated on the Base Loading Data Attachment and reflected in Line D of the table, "End FY 2001".

(see next page)

Table 2-D: Manpower Reconciliation Data

	Officers	Enlisted	Civilians	Mil Stu	Total
A. Begin FY 1996:	5	11	1607	0	1623
B. Force Structure Changes(+/-):	-1	0	-300	0	-301
C. Prior BRAC Changes (+/-):	0	0	-30 **BRAC-91**	0	-30
D. End FY 2001:	4	11	1307	0	1322
Moving to (List each Gaining Base):					
1. NSY Norfolk	0	0	230	0	230
2. NSWC, Crane	0	2	* & ** 518	0	* & ** 520
3. NSWC, Port Hueneme	0	9	* 107	0	* 116
4. NSWC, Dahlgren	0	0	8	0	8
5.					
6.					
E. Total Billets/Positions Moving:	0	11	* & ** 863	0	* & ** 874
F. Eliminated Billets/Positions:	4	0	* & ** 444		* & ** 448
G. Remaining at Losing Base:	0	0	0	0	0
H. Sum of Lines E, F, and G:	4	11	1307	0	1322

Notes: Do not fill in shaded cells. **Double check** your work. **Line H** (which is the sum of number of billets/positions moving, eliminated and remaining at the Losing Base) **must equal Line D** (the number of billets/positions at the end of FY 2001).

Note 1: 5 civilian (tenant) billets were added to the "BRAC-95 SCENARIO DEVELOPMENT DATA CALL ATTACHMENT 1: BASE LOADING DATA" table.
* - Changes in response to discussions between the BSAT, NSWC and NSWC, Crane on 12/20/94.
** - Change made as a result of a personnel number correction in Table 2-A on page 2-25.

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Table 2-E: Caretaker Requirements (Mothball Scenarios Only). Complete the table below to identify any permanent caretaker requirements associated with a "mothball" (deactivation) scenario. **Caretakers should only be identified if an activity will be mothballed as opposed to closed or realigned.** Scenario data call tasking will identify if this is a "mothball" scenario. This area should not be used to identify temporary caretaker requirements associated with closure of the facility. If some or all of the activity will be mothballed, as opposed to closed or realigned, then identify the number of military and/or civilian caretakers that will be required to remain permanently at the activity. Enter the number of caretakers which will be added to the activity in each year. For example, if 100 caretakers will be required in 1996, and then this number will be increased to 150 in 1997 and out, then enter 1996 = 100, 1997 = 50, leave 1998 through 2001 blank, and enter 150 as the total.

Table 2-E: Caretaker Requirements ("Mothball" Scenarios Only)

Losing Base Name: NSWC, Louisville

	1996	1997	1998	1999	2000	2001	Total
Military Caretakers	0	0	0	0	0	0	0
Civilian Caretakers	0	0	0	0	0	0	0

Table 2-F: Dynamic Base Information

Complete the following "Supporting Data" section. Then, summarize this data in the Summary Data Table (2-F) that immediately follows this "Supporting Data" section. Show all entries in ($000).

Table 2-F: Supporting Data:

a. Other One-Time Unique Costs. Identify any other one-time unique costs at the losing base which will not be calculated automatically by the COBRA algorithms (as noted in the Introduction section). Examples include use of temporary office space, lease termination costs, etc. Only costs directly attributable to the closure/realignment action should be identified. This area should not be used to identify routine moving or personnel costs, which are calculated automatically by the COBRA algorithms, nor should it be used to identify one-time unique moving costs which will be addressed separately in item c. below. For each unique one-time cost, identify the amount, year in which the cost will be incurred and describe the nature of the cost. Do not double count any costs identified on Gaining Base tables (Enclosure (3)).

Losing Base: NSWC, Louisville

	Cost($K)	FY	Note	Description
1.	180	98	1	Dismantle/inspect supply equipment
2.	184	99	1	Dismantle/inspect supply equipment
3.	318	99		Maintenance of Buildings/Structures/Ground
4.	318	00		Maintenance of Buildings/Structures/Ground
5.	750	99		Utilities/Utilities Maintenance
6.	750	00		Utilities/Utilities Maintenance
7.	67	99		Refuse, telephone, janitorial
8.	67	00		Refuse, telephone, janitorial
9.	2,223	96		*Environmental cost of closure
10.	2,223	97		*Environmental cost of closure
11.	2,223	98		*Environmental cost of closure
12.	3,000	99	2	Prepare MK45 and MK75 functional engineering models for NSWC, Port Hueneme
13.	13,500	96	3	CIWS Advanced Overhaul in preparation for closure
14.	13,500	97	3	CIWS Advanced Overhaul in preparation for closure
15.	2,500	96	4	Orientation of new CIWS personnel to accomplish advanced overhaul workload
16.	2,000	97	4	Orientation of new CIWS personnel to accomplish advanced overhaul workload
17.	5,000	96	3	CIWS - Long lead material procurement for advanced overhaul

18.	8,634	98	5	Depot transitional cost to sustain fleet readiness
19.	8,674	99	5	Depot transitional cost to sustain fleet readiness
20.	4,790	00	5	Depot transitional cost to sustain fleet readiness
21.	14,770	98	6	CIWS depot transitional cost to maintain workforce expertise

* This cost does not include the environmental clean-up of "E" bldg. at NSWC, Louisville.

Note 1: The "Dismantle/Inspect Supply Equipment" costs are as follows: ($000)

Coordinate Measuring Machine	$ 9
Nicon Optical Comparator	9
Automated Storage/Retrieval System (V-Bldg)	160
Automated Storage/Retrieval System (Bldg 102)	140
V Building Conveyors	20
Storage High Rise Racks	26
Total	$ 364

The estimates for the above costs were obtained by contacting the manufacturer who installed the equipment. The equipment will be moved in FY98 and FY99.

Note 2: The cost required to prepare MK45 and MK75 engineering models for In-Service Engineering effort. The ISE function being transferred to NSWC, Port Hueneme requires the on-site availability of a MK 45 gun mount and MK 75 gun mount. The cost to overhaul these needed assets is $2,000,000 and $1,000,000, respectively. These assets are required so the ISE can readily investigate problems, develop ordnance improvements and install, test and evaluate Ordnance Alterations (ORDALTS).

Note 3: This note applies to CIWS items #13, #14, and #17.

The phased approach is outlined as follows:

* Establish facilities at NSWC, Crane for CIWS
* Lay out process within the facilities as identical as possible to NSWC, Louisville
* Move equipment over an 12-month transition period
* Proof processes and validate
* Certify and operate

The phased approach assumes the following:

* Material available to start the extra effort by mid-FY96
* Technical expertise available
* Depot Level Repairable carcasses available
* Customer requirements constant
* Max. capacity - 100 mounts/year

BRAC-95 SCENARIO DEVELOPMENT DATA CALL
Enclosure (2) - LOSING BASE QUESTIONS

To facilitate the shutdown of the CIWS depot program during the transition period, programmed workload (included in planned maintenance cycle), identified by PEO(TAD) and included in NAVCOMPT FY96/97 OSD budget submit, must be accomplished prior to the transition period. This requires an increase in the number of system overhauls for FY96 thru FY97.

To facilitate the advanced overhaul requirements, additional long lead material will be required to support this workload. The additional procurement of this material has not been planned or programmed.

The current "customer requirements" based on projected OPNAV funding supports approximately 40-50 CIWS overhauls, conversions and production upgrades per year through FY00. As there is **no other system** in the Navy or currently planned to replace CIWS, it is expected that this workload would continue into the next century.

It is realized that the number of ships has been and will continue to be reduced; however, it must also be realized that CIWS systems are installed on all Navy combatants and combat support ships. At present, there are 218 ships in service with CIWS systems. These 218 ships have 390 CIWS systems installed. It should also be realized that CIWS systems are planned to be installed on new construction combatant (i.e., DDG-51 Class) and combat support ships. The requirements to support new construction (SCN) will be met by the production upgrade workload. Deactivation previously planned for FFG-7 and DD-963 class ships have recently been delayed. This delay has the potential of increasing the projected workload.

The original life expectancy of the CIWS system was five (5) years (extended after each overhaul, conversion or production upgrade). This has now been extended to approximately eight (8) years. The depot workload projections are 15-25% below the estimated number of systems which would be expected to require depot overhaul, conversion or production upgrade. These reduced workload projections are being used based on the projected levels of customer funding and the Material Condition Reviews routinely conducted.

Current CIWS system status

	SHIPS	CIWS systems
AIRLANT	6	20
AIRPAC	6	21
SURFLANT	104	177
SURFPAC	90	160
USCG	12	12
Total	218	390

The number of systems listed above and supported by the NSWC, Louisville does not include the FMS systems which are also supported. FMS customers currently have approximately 220 CIWS systems.

Note 4: Additional personnel are required to accomplish the depot overhaul of CIWS systems/components in advance of the anticipated 12-month downtime while the Depot is re-established/recertified at the Gaining Activity.
To facilitate the advanced overhaul requirements, additional personnel are required to support the workload requirements. The addition of these personnel will require specialized training which has not been planned or programmed.

Note 5: Depot workload, other than CIWS, is being transitioned without any long term shutdown of the overhaul lines; however, this does produce operational downtimes and inefficiencies during this transition. This loss of efficiency is incurred as parts of the machine shop equipment are unavailable and thus alternative, non-optimum, methods are employed resulting in additional costs to produce the same products. Downtime on the unique machines, test stands and test equipment will occur during the teardown, shipping and reassembly at the receiving site.

These losses are derived by applying experiential data and using the mathematical techniques developed by the Directorate of Procurement and Production, United States Army Missile Command, Redstone Arsenal, Alabama. These techniques were based on the pioneering work of Mr. P. T. Wright in an article titled "Factors Affecting the Cost of Airplanes" which was published in the Journal of Aeronautical Science (Feb 1936). Naval Ordnance Station, Louisville (NOSL) has been using these techniques for over fifteen years to estimate the cost of both overhaul and new production and has extended the methodology to include the effects of decreasing production rates and phase-out of production programs.

These techniques use "productivity curves" that, for start-up production, are based on the concept that as the total quantity of units produced doubles, the hours required per unit for the last unit produced will decrease by a fixed percentage. The mathematical representation of the relationship is:

$Y = AX^B$ or (1)
$\text{Log } Y = \text{Log } A + B(\text{Log } X)$ (2)

where: A = the cost of the first unit
X = the number of the unit for which the cost is being calculated
B = the slope of equation (2) which is normally negative for production start-ups and
positive for reducing production rates and phasing out production and is calculated as Log(% rate of productivity increase/decrease)/Log(2).

Y = the cost of unit number X.

The cumulative cost of units produced for a continuous production process is:

$$\sum_{1}^{N} AX^{B} = A(1^{B}+2^{B}+3^{B}+...+N^{B}) \qquad (3)$$

where: N = total number of units produced

If the cost of a contiguous group of units out of the total number produced is desired, the following equation applies:

$$\sum_{C}^{D} AX^{B} = A(C^{B}+(C+1)^{B}+(C+2)^{B}+(C+3)^{B}+...+(D-1)^{B}+D^{B}) \qquad (4)$$

where: C = the number of the first unit in the group
D = the number of the last unit in the group

Most continuing overhaul programs, of sufficient volume, of moderately complex weapon systems at NSWC, Louisville have a productivity factor of approximately 85% (.85) which yields a value for B equal to Log(.85)/Log(2) which equals -.234465. This value of B is the slope of equation (2) which is a straight line when plotted on Log Log paper and since it is negative, it means that the number of labor hours required will steadily decrease over time as long as the workload remains relatively constant. Decreasing workload volume on overhaul programs and phase-out of overhaul programs produce productivity factors of 100% and higher and cause the slope of the productivity curve to change. This is particularly true when only one weapon system at a time is in the overhaul process because there is no rotating pool of parts/assemblies available to ensure that the overhaul proceeds on schedule.

The ASROC overhaul program is a good example (ie. a steady relatively high volume program, a declining program, and the phase-out of the program). During the peak years for ASROC, approximately thirty to forty systems per year were overhauled. The productivity factor during this time was approximately 85% which was due to the stable workforce and material availability due to the large number of systems in the production pipeline. During the scale-back of the ASROC overhaul program, the productivity factor increased to over 100% due primarily to changes/reductions in the work force which caused the work hours required per system to begin increasing. When the phase-out of the ASROC program began, the productivity factor increased to approximately 130% (1.30 which makes B equal to .378512) due to additional work force changes and due to the lack of a pool of material to keep production progressing on schedule. In fact, during phase-out it may become impossible to complete the final system at an affordable cost.

For the purposes of this scenario, it is impossible to perform individual calculations for each and every product for each and every deliverable. Fortunately this is not necessary in order to obtain an accurate estimate of the costs incurred due to the transfer of workload from NSWC, Louisville to NSY Norfolk. Historical data shows that for new manufacture, cost growth in the final phase-out period is normally around ten percent and is due primarily to personnel changes. For moderately complex overhauls, such as TAS and Armored Box Launcher, cost growth in the phase-out period is typically twenty percent. For complex overhauls, such as major caliber gun systems, cost growth in the phase out period is typically thirty percent. It has been shown by experience at NSWC, Louisville and by research by the US Army Missile Command that aggregate workload may be treated as a FY buy using the prior year as a baseline and using a cost growth rate based on the mix and workload volume. Based on the phasing of the workload transfer, the estimated cost growth factors are fourteen percent for FY98, eighteen percent for FY99, and thirty percent for FY00. Based on these factors and on the workyears, the cost growth resulting from the transfer of the workload can be calculated from equation (1).

FY98: $Y = (464)(2)^{.189034} = 529$ workyears for a cost growth of 65 workyears

FY99: $Y = (384)(2)^{.238787} = 453$ workyears for a cost growth of 69 workyears

FY00: $Y = (143)(2)^{.378512} = 186$ workyears for a cost growth of 43 workyears

The workload mix for FY98 yields a composite stabilized rate of $75.90 for a cost growth of $8,634K, for FY99 the composite stabilized rate is $71.83 for a cost growth of $8,674K, and for FY00 the composite stabilized rate is $63.65 for a cost growth of $4,790K. This yields a total cost growth, caused by the transfer of the workload, of $22,098K.

Note 6: Cost to retain 200 Category C employees and 40 Category B employees in Code 50 and 29 Category C (equivalent) employees in Code 90 while re-establishing the CIWS depot overhaul capability at NSWC, Crane. Personnel will be used to teardown and set up the equipment during the one year shutdown period; however, there will be reduced efficiencies during this time.

(200 CAT C)($ 55.81/HR)(1750 HRS/YR) = $19,533,500
(40 CAT B)($ 66.96/HR)(1750 HRS/YR) = $ 4,687,200
(29 CAT C)($104.79/HR)(1750 HRS/YR) = $ 5,318,092
$29,538,792
Max of 50% EFF. During transition: .50 x $29,538,792 = $14,769,396

BRAC-95 SCENARIO DEVELOPMENT DATA CALL
Enclosure (2) - LOSING BASE QUESTIONS

Gaining Base: NSY Norfolk

	Cost($K)	FY	Note	Description
1.	0	97	1	Contracting cost for new capital equipment
2.	0	98	1	Contracting cost for new capital equipment
3.	0	99	2	Environmental permits at receiving site
4.	0	99	1	Replacement of capital equipment
5.	0	98	3	Recertification of production processes & personnel
6.	0	99	3	Recertification of production processes & personnel
7.	0	00	3	Recertification of production processes & personnel
8.	0	99	4	Capital equipment (jib cranes)
9.	0	98	3	Additional capital equipment maintenance
10.	0	99	5	Subsafe certification
11.	0	98	6	Establish special support functions (Norfolk)
12.	0	99	6	Establish special support functions (Norfolk)
13.	0	97	7	Computer operational equipment/networks/ communication systems
14.	0	96	8	TRS development (Norfolk)
15.	0	97	8	TRS development (Norfolk)
16.	0	98	8	TRS development (Norfolk)
17.	0	99	8	TRS development (Norfolk)

Note 1: Through negotiations with NSY Norfolk on 11/25/94, it was agreed that "Replacement of Capital Equipment", item #4, would be reduced to $500K. Since the new Capital Purchase Program (CPP) equipments are Automatic Test Equipments, in CPP Class 4, NSY Norfolk states that they can use local procurement personnel and eliminate the DGSC fees cited in items #1 and #2. Items #1 and #2 have been reduced to zero.

Note 2: The "Environmental Permits" cost of $25K in FY 97 and $27K in FY 98 were erroneously included in the losing base totals. This cost should have been included in the gaining base totals for additional plating functions, hazardous material processes, and hazardous material storage, and/or, additional workload for these functions, transferred from NSWC, Louisville. This data call scenario has been revised to delete these costs from enclosure (2) and add the cost to enclosure (3). On 11/25/94, NSY Norfolk concurred with a cost of $81K for "Environmental Permits at the gaining Activity". The actual costs of executing "Environmental Cost of Closure" are cited in #s 9., 10. and 11. of page 2-49. These costs are in addition to the previously certified costs of environmental clean-up for Building E, the old plating facility. Cost for environmental clean-up of Building E must be expended before the Building can be re-utilized or closed in place, without becoming an environmental burden on the local community. The cost of clean-up/closure of Building E is not included in the scenario cost model.

Note 3: Negotiations with NSY, Norfolk on 11/25/94 resulted in the acceptance of these items and relocation from enclosure (2) to enclosure (3).

Note 4: Item #8, The following quantities of cranes were estimated for the proposed 300,000 Sq Ft facility based upon current quantities of cranes utilized in "A", "B" and "C" Buildings at NSWC, Louisville:

(4) 75 Ton Bridge Cranes
(16) 20 Ton Bridge Cranes
(80) 1/4 to 1 Ton Jib Cranes

The cost of procurement and installation of these cranes is based upon engineering data developed by Code 098 as follows:

75 Ton Bridge Crane	$451,750
20 Ton Bridge Crane	$210,000
1/4 to 1 Ton Jib Crane	$10,000

Cost Estimate Calculations

(4)	75 Ton Bridge Cranes @ $451,750	= $1,807,000
(16)	20 Ton Bridge Cranes @ $210,000	= $3,360,000
(80)	1/4 to 1 Ton Jib Cranes @ $10,000	= $ 800,000
	Total	$5,967,000

Negotiations with NSY, Norfolk on 11/25/94 resulted in the acceptance of this item and relocation from enclosure (2) to enclosure (3).

Note 5: SUBSAFE Level 1 Depot capability for MK 17 and MK 19 Turbine Pump Ejection Systems (TPES) will have to be reestablished and recertified at NSY Norfolk. The necessary material and facility control processes are paper/QA intensive and will have to be recertified by SUPMEP (Submarine Maintenance Engineering, Planning and Procurement Activity) NAVSEA and Newport. The documents that control the certified Depot at NSWC, ORDSTA Louisville are NAVSEA 0924-062-0010 and NAVSEA 0948-LP-045-7010.

On 11/25/94, NSY Norfolk stated their existing SUBSAFE certification was sufficient for the TPES Certification, so this cost has been reduced to zero.

Note 6: Industrial processes support facilities: metallurgical composition and tensile test verification lab, environmentally controlled inspection facility, grit, powder and sand blast facilities, paint booth facilities, X-ray facilities, heat treat facilities, paint storage and handling facility to accommodate polymers, solvents, epoxy resins and other materials

(OSHA requirements), outdoor new and used heat treat quench oil storage facility with concrete, leak catch basin, visual shielding, spark and slag catch basins, and high frequency noise reduction for gas and plasma arc cutting processes (OSHA requirement), manufacturing/repair technology facility. Special utility support requirements: Electrical power sufficient to supply high horse power motors, electrical service modifications to meet individual machine tool requirements per manufacturer's specifications including separate circuits, voltage converters, isolation transformers, and special grounding requirements, significant amount of steam required for heat treating which is located in various adjacent buildings currently allowing for one main steam source, compressed air supply system of adequate size to operate pneumatic machine tool components and air operated hand tools, compressed air is used throughout the production areas for cleaning, machining processes, inspection and in the operation of several machines, electrical service modifications requiring special transformers, voltage conversion, and circuit isolation for welding equipment, water utilities with supply lines to machine tools with water chilled oil coolers, coolant filtration system for grinding equipment. Chemical, fluid, solvent, and paint requirements: Gas storage tanks, numerous 500 gallon bulk storage tanks throughout the facility for welding, plasma/laser cutting, fuel for heat treat furnaces and processes, flame spray furnaces, duplication of chemicals and fluids for plating, treatment of waste water and other industrial operations will be required. Special Foundations: Significant foundation and pit requirements exist, majority of machine tools require concrete foundations, many require pits several feet deep, each requiring shock resistance for the machine tool and to preclude shock transferring to nearby machine tools. Special Furnaces: Heat treat furnaces, one of two largest can accommodate a box car, second of two largest is approximately 25 ft. tall with 4 separate 15 - 20 ft. deep pits with rails for the Gantry furnace to maneuver over each pit. Environmentally controlled work and test requirements (OSHA requirements). Work area ventilation necessary to evacuate hazardous fumes generated from special welding processes (OSHA requirement). Resource specific, special tooling, tombstones, and fixtures. Resource specific processes, machine methods, routing, NC programs, etc.

During negotiations with NSY Norfolk on 11/25/94, "Special Support Functions" were discussed and the list of requirements was reduced to a dollar value of $25M in FY98 and $25M in FY99. NSY Norfolk stated that other requirements cited by NSWC, Louisville in items #11 and #12 can be accommodated by existing NSY Norfolk equipment/facilities.

Negotiations with NSY, Norfolk on 11/25/94 resulted in the acceptance of this item and relocation from enclosure (2) to enclosure (3).

Note 7: NSY, Norfolk stated that $500K is sufficient to accommodate Naval Weapon System Overhauls in lieu of transfer of the existing MRP II (planning/scheduling/ordering) system . $1,934K was reduced to $500K and moved to enclosure (3).

Note 8: There are 84 engineer/planner positions associated with movement of the depot. They will be coming from NSWC, Louisville. However, these are not the positions that will be tasked to develop Technical Repair Standards. Development of TRS's is a function that will have to be performed by the In-Service Engineering Agent for the overhaul of Naval Gun Weapon Systems that are being transferred.

Since the transfer of the workload of an entire industrial operation has never been attempted, the cost of providing documentation to ensure adequate Industrial Process Documentation Control must be estimated. Process documentation is a function of the site and is not directly transferable. These estimated costs reflect development, validation and certification of industrial procedures to define scope of work for overhaul and repair. Costs were derived by identifying system assemblies and components for which Technical Repair Standards do not already exist. An estimate of the average cost to prepare a Technical Repair Standard was obtained through sampling of the development costs of existing Technical Repair Standards.

The development of TRS documentation for all existing mission required workload is $124,441,000 (see table below). NSWC, Louisville has over 4,100 active methods. Mobilization, FMS, and non-current Industrial Process Documentation have been shown in the table below, but not included in the cost estimate. Since NSWC, Louisville has current Industrial Process Documentation to use as "source data" for the development of TRS's the total cost requirement was reduced by 35% (the initial production planner actions) resulting in an estimated total cost of $81,235,000 spread over 4 years.

Negotiations with NSY, Norfolk on 11/25/94 resulted in the acceptance of this item and relocation from enclosure (2) to enclosure (3).

Industrial Process Documentation (IPD)
NSWC, Louisville utilizes TRS's and customized industrial process documentation (methods) to plan, operate and control all depot functions. A typical method for assembly and/or component processing has anywhere from 10 to 100 individual procedures. To keep estimates to develop this documentation at an absolute minimum, an average of 10 procedures per method was used in the calculation. These procedures require approximately 50 hours each to develop.

System	Methods	10 Procedures/Method
MK 45/2J	1,000	10,000
MK 42	1,000	10,000
MK 75/2J	500/250	7,500
Minor Cal (60mm, 40mm, MK 96, 81mm)	500	5,000
Gun Fire Control Systems		
-MK 68	500	5,000
-MK 53	300	3,000

-MK 24 Target Designation Transmitter	150	1,500
-MK 47 Computer	200	2,000
-MK 16	100	1,000
-MK 34 Signal Data Converter/Gun Mount Processor	200	2,000
Target Acquisition System	100	1,000
Surface Vessel Torpedo Tubes	175	1,750
Armored Box Launcher	150	1,500
Turbine Pump Ejection System	75	750
Launchers	75	750
Sea Sparrow	150	1,500
Motors	50	500
MK 92	81	810
Cable/Harness Manufacture	200	2,000
Rocket Motors	50	500
Decoy Launcher Tubes	50	500
Valve Balls	10	100
CIWS		
-Block 0 Overhaul	815	8,150
-Block 1 Conversion	506	5,060
-Block 0 Remanufacture	706	7,060
5"/38 Single and Twin	800	8,000
3"/50 Single and Twin	800	8,000
Totals	9,493	94,930

TRS exists for:

Systems	Methods	10 Procedures/Method
MK 92	81	810
NATO Sea Sparrow	150	1,500
Armored Box Launcher	150	1,500
Target Acquisition System	100	1,000
Totals	481	4,810

TRS (IPD) needed for FMS/surge/mobilization only:

System	Methods	10 Procedures/Method
Gun Fire Control Systems	1,450	14,500
5"/38	800	8,000
3"/50	800	8,000
CIWS Block 0 Overhaul	815	8,150

MK 42	1,000	10,000
Totals	4,865	48,650

TRS (IPD) = (Total Methods)-(Methods with Existing TRS)-(Methods for surge/mobilization only)
= 9,493 - 481 - 4,865
= 4,147

Cost = (Methods requiring TRS)x(10 Procedures/Methods)x (50 hrs/Procedure)x($60/hr)
= 4,147 x 10 x 50 x 60
= $124,441,000

(1) The methodology used to estimate the IPD costs in the scenario response is correct. However, the units on one of the factors used in the equation was in error and should have been shown as 50 Hrs/Procedure in lieu of 50 Hrs/IPD. The calculation should read as follows:

IPD Cost = (4,147 IPD) x (10 Procedures/IPD) x (50 Hrs/Procedure) x ($60/Hr)
= $124,441,000

(2) The factor should not have been stated as 50 Hrs/IPD. It should have been 50 Hrs/Procedure as shown in b(1) above. The 50 Hrs/Procedure was estimated from determining the efforts (e.g., configuration control, teardown, assembly, manufacturing, cost accounting) that are required by an individual procedure. The 50 Hrs/Procedures was estimated by interviewing subject matter experts currently performing Weapon Systems depot overhaul.

BRAC-95 SCENARIO DEVELOPMENT DATA CALL
Enclosure (2) - LOSING BASE QUESTIONS

Gaining Base: NSWC, CRANE

	Cost($K)	FY	Note	Description
1.	29	99		Environmental permits at receiving site
2.	400	98		Additional capital equipment maintenance
3.	1,934	97	1	Computer operational equipment/networks/communication systems

Note 1: This item does not provide any additional capability over that already in place at NSWC, Louisville. These are the "Other Unique One-Time Costs" to re-establish computer facilities at the NSWC, Crane site to accommodate NSWC, Louisville's existing computer capability associated with existing workload identified to be relocated to NSWC, Crane. These costs are associated with connecting transferring people to existing Local Area Networks at NSWC, Crane and establishing appropriate computer room facilities for computers moving to NSWC, Crane to support transitioning workload.

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b. Other One-Time Unique Savings. Identify any other one-time unique savings at the losing base which will not be calculated automatically by the COBRA algorithms (as noted in the Introduction section). Examples include net proceeds to DoD resulting from an existing MOU with a state or local government, one-time environmental compliance cost avoidances, etc. This area should not be used to identify routine moving or personnel savings, which are calculated automatically by the COBRA algorithms. Do not include Construction Cost Avoidances (which were identified in a separate data call), or Procurement Cost Avoidances (which are covered under item i. below). For each savings, identify the amount, year in which it will occur and describe the nature of the savings. Only savings directly attributable to the closure/realignment action should be identified. Do not double count any savings identified on Gaining Base tables (Enclosure (3)).

Losing Base: NSWC, LOUISVILLE

Savings ($K) Description	FY
None	

c. One-Time Unique Moving Costs. The COBRA algorithms use standard packing and shipping rates to calculate the cost of transporting equipment and vehicles. Identify here only those unique moving costs associated with movements out of the losing base that would be incurred in addition to standard packing and shipping costs associated with tonnage and vehicles identified in Table 2-B. Examples of unique moving costs include packing, special handling or recalibration of specialized laboratory or industrial equipment; movement of special materials, etc. If unique costs identified here include packing and shipping costs, then ensure that tonnage for this "unique" equipment is not included under the Mission and Support equipment identified in Table 2-B. For each cost included in the table above, identify the amount, year in which the cost will be incurred, the name of the gaining base and a brief description of the cost.

Losing Base: NSWC, LOUISVILLE

	Cost ($K)	FY	Gaining Base	Note	Description
1.	277	99	Norfolk	1	Equipment teardown/recalibration (TC #2)
2.	514	00	Norfolk	1	Equipment teardown/recalibration (TC #2)
3.	650	98	Crane	1	Equipment teardown/recalibration (TC #2)
4.	314	97	Norfolk	1	Equipment teardown/recalibration (TC #8)
5.	244	98	Norfolk	1	Equipment teardown/recalibration (TC #8)
6.	998	99	Norfolk	1	Equipment teardown/recalibration (TC #8)
7.	105	99	Crane	1	Equipment teardown/recalibration (TC #14)
8.	10	98	PHD	1	Equipment teardown/recalibration (TC #13)
9.	90	99	PHD	1	Equipment teardown/recalibration (TC #13)
10.	2,015	98	Norfolk	1	Equipment teardown/recalibration (TC #12)
11.	3,023	99	Norfolk	1	Equipment teardown/recalibration (TC #12)
12.	4,030	00	Norfolk	1	Equipment teardown/recalibration (TC #12)
13.	1,008	01	Norfolk	1	Equipment teardown/recalibration (TC #12)
14.	159	98	Crane	2	Production support ADP equipment teardown/recalibration
15.	80	99	Crane	2	Production support ADP equipment teardown/recalibration

Note: Instructions for "One-Time Unique Moving Costs" cites: "Examples of unique moving costs include packing, special handling or recalibration of specialized laboratory or industrial equipment; movement of special materials, etc.". Routine packing, shipping, set-up and recalibration costs for the gaining Activity are covered under the "Tons of Mission Equipment" to be sent to the gaining activity. The recalibration costs cited are the "Unique, special recalibration costs" that should be incurred by the technicians/specialists at NSWC,

Louisville to ensure the minimum lapse in mission support to the depot functions. It is anticipated that the NSWC, Louisville technicians/specialists would travel to the gaining Activity to accomplish this work.

The expertise of Weapon Systems technicians/specialists is required at the gaining site to setup and recalibrate specialized laboratory and industrial equipments during the transition process. These personnel are technicians/specialists who will transition to different sites, with the ISE function.

Note 1: Items 1 and 2 - Provides cost for teardown and recalibration for 50 pieces of Equipment, movement of 6 Gun Mounts and 6 pieces of electrical equipment. Total cost of $1,511,040 spread over 3 years.

Move and Calibrate 50 pieces of equipment = (50)x(3 Men)x(4Wks)
x(40Hrs)x($60/Hr)=$1,440,000
Prep/Preserve 6 gun mounts = (6)x(2 Men)x(2Wks)x(40Hrs)x($60/Hr)=$57,600
Prep Electrical Equipment = (6 units)x(1 Man)x(32Hrs)x($60/Hr)=$13,440
Total = $1,511,040

Item 3 - Provides cost for teardown and recalibration for 50 Pieces of CIWS Equipment

Test Equipment
TE8000 Cost = (2 ea) x (40 Hrs/Per TE) x ($71.04/Hr) x (2 People) = $11,366
(47 Pieces of equipment) x (16 Hrs/Piece of Equipment) x ($60/Hr) x (2 People) = $89,037
TE125 Cost = $550,000 (Moving cost quoted by Scientific Atlanta)

TE125 consists of a Scientific Atlanta Anechoic Chamber, Compact Reflector (Model 5751), Positioning System and Model 2020 Antenna Analyzer, in addition to unique interface and measurement instruments.

Item 4 - Provides FY97 cost for teardown and recalibration for 41 pieces of L Building Industrial Equipment. Calculation is as follows:

Teardown (Code 09 Estimate)	$253.4K
Teardown Turbine Pump Ejection System Test Facility	6.2K
Teardown MK 68 Test Stand	25.0K
Recalibration (50% of Teardown)	144.0K

Item 5 - Provides FY98 cost for teardown and recalibration for 36 pieces of C Building Industrial Equipment. Calculation is as follows:

Teardown (Code 09 Estimate)	$233.0K
Recalibration (50% of Teardown)	111.5K

Item 6 - Provides FY98 cost for teardown and recalibration for 15 pieces of L Building Industrial Equipment (i.e., TAS Test Facility and Test Stand; SP7400, FACII, Slumberger, GENRAD 1790 and GENRAD 1796 Test Sets; MK 16 Stable Element Test Stand; and Misc. Unique Industrial Equipment). Calculation is as follows:

Teardown (Code 30 Estimate)	$900.0K
Recalibration (50% of Teardown)	450.0K

Item 7 - Provides FY99 cost for teardown of Shipboard Physical Security unique mock-up and recalibration of mock-up security sensors and related instrumentation. Calculation is as follows:

Teardown	($60 X 320 Hrs X 22 People) = $38,400
Recalibration	($60 X 370 Hrs X 3 People) = $66,600
	$105,000

Items 8 and 9 - This equipment is in support of Naval Engineering Drawing Management which includes computer systems for NEDALS, JEDMICS, and Repository Management. Equipment also includes special drawing files that store 500,000 hard copy master drawings. Total replacement value of the equipment is estimated at $10,000K. Teardown and recalibration costs are estimated at $57K for JEDMICS System Equipment, $26K for NEDALS System Equipment and $17K for Repository Equipment. All costs for teardown and recalibration were provided by computer vendors.

Items 10 thru 13 -

$196M Unique (in terms of capability and/or capacity) X 14% = $27.5M

14% of the equipment valued has been used as the factor for calculating the teardown cost based on past experience of equipment installation and teardown, there are many one of a kind machines requiring significant efforts for teardown including special parts packaging, labeling of parts, recalibration, minimal instructions for reassembly - as needed, etc. Several machines weigh over 300 tons each and were made in multiple modules due to their size.

Equipment Accessories:
- Tooling Fixtures (600,000 lbs)
- Cutting Tools (55,000 lbs)
- Machine Tool Accessories (132,000 lbs)
- Hand Tools and Gauges (50,000 lbs)

Total Equipment Accessories value $45.23M

$45.23M Equipment Accessories value X 10% = $4.5M

$32.0M

The $196M Unique equipment value was derived by an NSWC, Louisville Industrial Specialist after touring NSY Norfolk 29 Nov 94 and was based on additional capabilities and capacities needed to perform work to be transferred under the scenario as a complete equipment list provided to NSY Norfolk was not returned indicating equipment either needed or not needed. The most significant broad areas required to be created/added at NSY Norfolk include the 100,000 sq ft Standard Missile Rocket Motor Casings Facility, the gear facility - which houses the most complete gear manufacturing capability in DoD which is capable of producing gears from 1/4" to over 10', N/C equipment, and reverse engineering equipment.

Note 2: The ADP equipment (items 14 and 15) are required to support the movement of NSWC, Louisville's Management Information System to NSWC, Crane. The cost estimate is to teardown communication lines and connections. However, the costs and where the equipment is moving is in error as currently stated in Scenarios 012 and 013. The cost should be stated as $159K in FY98, $80K in FY99.

d. and e. Changes in Mission Costs. Items d. and e. should be used to identify those changes in mission costs that result from the closure/realignment action, but are not counted elsewhere in this data call response or COBRA algorithms. For example, **do not include** changes in non-payroll Base Operating Support (BOS), Family Housing Operations, housing allowances, CHAMPUS costs/savings, or salary savings for eliminated positions/billets, all of which are calculated by other COBRA algorithms. Examples of items to include here are changes in operating costs due to the transfer of workload to gaining bases, economies of scale, changes in travel requirements, differences in wage grade labor rates or locality pay differentials, changes in the amount of mission work performed on contract, and changes in utility requirements or ADP/telecommunications costs not included in responses provided in the Base Operating Support tables of Data Call 66.

For purposes of calculating changes in costs associated with the transfer of mission workload from a losing to a gaining base, the following information is provided below. Calculations should take into consideration both economies of scale and differences in operating costs. Remember, any salary savings resulting from eliminated military billets and/or civilian positions must be identified as a number of billets/positions eliminated in Table 2-C. **Do not include** basic salary and fringe benefit savings associated with billets/positions identified as eliminated on Table 2-C. Also, **do not identify** changes in the non-payroll BOS Costs (including non-payroll G&A for DBOF activities) reported in Data Call 66.

First, identify economies of scale by examining the historic pattern of how labor, overhead and other costs vary with workload volume (adjust prior year costs for inflation to make them comparable; use statistical tests to determine the type of relationship that exists). The relationship between costs and workload can then be used to estimate changes in labor and overhead rates which result from the projected change in workload. Economies of scale benefits will generally accrue to gaining bases on an incremental basis, as the workload ramps up, and will remain in future years after all workload is transitioned.

Second, calculate resulting changes in operating costs. Changes in operating costs should be calculated by pricing out direct labor manhours of work, using the projected labor and productive overhead rates (which have been adjusted to take into consideration economies of scale resulting from the workload transfer) for both the losing and gaining base. The difference in total costs associated with the workload transition is then identified as the net change in mission costs. Relative differences in the numbers of hours required to complete a project at the losing base and gaining base(s) should be taken into consideration, if identifiable. Also, include contract costs in this analysis, but unless cost changes are identifiable, assume that contract price rates will remain constant.

If a net change in mission costs is included in the data call response, the response must also include supporting data to show calculations and methodology used to

estimate this change in costs. Furthermore, data used in these calculations must beconsistent with previously submitted certified data.

d. Net Mission Costs. Complete the following worksheet to identify any net recurring increases in mission costs associated with the closure/realignment of the losing base and/or transfer of workload to gaining bases. For each net cost increase, identify the name of the gaining base where the workload will be transferred (if applicable), cost increases by year and describe the nature of the cost increase. If this worksheet is filled in, provide supporting data to show calculations and methodology used to estimate these cost increases.

Net Mission Costs (Cost Increases) Worksheet						
Losing Base: NSWC, LOUISVILLE						
Gaining Base	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001 and Beyond
1.						
Description:						
2.						
Description:						
3.						
Description:						
4.						
Description:						
5.						
Description:						

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Add additional lines to worksheet as necessary.

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e. Net Mission Savings. Complete the following worksheet to identify any net recurring decreases in mission costs associated with the closure/realignment of the losing base and/or transfer of workload to gaining bases. For each net cost decreases, identify the name of the gaining base where the workload will be transferred (if applicable), cost decreases by year and describe the nature of the cost decrease. If this worksheet is filled in, provide supporting data to show calculations and methodology used to estimate these cost decreases.

Net Mission Savings (Cost Decreases) Worksheet						
Losing Base: NSWC, LOUISVILLE						
Gaining Base	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001 and Beyond
1. N/A						
Description:						
2.						
Description:						
3.						
Description:						
4.						
Description:						
5.						
Description:						

Add additional lines to worksheet as necessary.

f. Miscellaneous Recurring Costs. Identify any other recurring costs at the losing base which will not be calculated automatically by the COBRA algorithms (as noted in the Introduction section), e.g., new leases of facilities or equipment, etc. For each cost, identify the amount, year in which the cost will begin and describe the nature of the cost. Only costs directly attributable to the closure/realignment action should be identified. (Do not include changes in non-payroll BOS, Family Housing Operations, housing allowances or CHAMPUS costs, all of which are calculated by other COBRA algorithms.) Do not double count changes in Mission costs shown above. Do not double count any costs identified on Gaining Base tables (Enclosure (3)).

Losing Base: NSWC, LOUISVILLE

	Annual Cost($K)	FY	Description
1.	* 0	96	ADP Support and Communication Cost at NSY Norfolk for **automated depot overhaul process** including system administrator billet and material support cost

* - NSY Norfolk stated that they would upgrade their existing Management Information System to accommodate the data management associated with the overhaul of products being transitioned to their activity. This resulted in the cost being reduced to zero for this item and the addition of $500K for item #10 on page 3-2 of enclosure (3)-A.

g. Miscellaneous Recurring Savings. Identify any other recurring savings at the losing base which will not be calculated automatically by the COBRA algorithms (as noted in the Introduction section), e.g., elimination of leases of facilities or equipment, etc. For the savings, identify the amount, year in which each will begin and describe the nature of the savings. Only savings directly attributable to the closure/realignment action should be identified. (Do not include changes in non-payroll BOS, Family Housing Operations, housing allowances, CHAMPUS costs or salary savings for eliminated positions/billets, all of which are calculated by other COBRA algorithms.) Do not double count changes in Mission Costs shown above. Do not double count any savings identified on Gaining Base tables (Enclosure (3)).

Losing Base: NSWC, LOUISVILLE

Annual Savings ($K)	FY	Description
N/A		

h. Land Sales. Identify any proceeds, if identifiable and realistically expected to be received, which would be realized through the sale of excessed property at the losing base (s). In most cases, proceeds will not be realized from the sale of land at closed activities. However, if unusual circumstances warrant, identify estimated amount of proceeds, number of acres to be sold and rationale for assuming that proceeds will be obtained.

Losing Base: NSWC, LOUISVILLE

	Revenues	No. of Acres	Rationale
1.	N/A	N/A	

i. Procurement Cost Avoidances. Identify any procurement cost avoidances which would be realized as a result of the closure/realignment scenario. Items identified here must not include any funds, regardless of appropriation, identified as BOS costs in Data Call 66. An example of a cost to include here would be a planned "Other Procurement account" purchase of a computer system, which will no longer be required as a result of the closure/realignment action. For each cost avoidance, identify the amount, year in which the cost would have been incurred, whether the cost avoidance is one-time or recurring in nature, and the nature of the cost avoidance.

Losing Base: NSWC, LOUISVILLE

	Cost	FY	One-Time/Recurring	Explanation
1.	N/A			

j. Facility Shutdown. If an activity is being realigned but not completely closed, then identify the number of square feet of Class 2 real property (buildings), excluding family housing, MWR and utilities facilities, which will be shut down at the losing base as a result of this action. If an activity is being completely closed, then just enter "All". The Base Loading Data Attachment includes an identification of total square feet for the activity and should be referred to in answering this question. Note that this entry should be shown in "thousands of square feet" (KSF).

Losing Base: NSWC, LOUISVILLE

Facility KSF Shutdown: ALL

BRAC-95 SCENARIO DEVELOPMENT DATA CALL
Enclosure (2) - LOSING BASE QUESTIONS

Summarize data shown in response to supporting data questions a. through j. above in the following table. Note that all entries must be shown in ($000).

Table 2-F: Dynamic Base Information Summary

Losing Base: NSWC LOUISVILLE								
		1996	1997	1998	1999	2000	2001	Total
a.	One-Time Unique Costs	22,223	17,723	25,807	12,993	5,925	0	85,671
a.	One-Time Unique Costs (Crane)	0	1,934	498	29	0	0	2,363
b.	One-Time Unique Svgs	0	0	0	0	0	0	0
c.	One-Time Move Costs	0	314	3,078	4,573	4,544	1,008	13,517
d.	Net Mission Costs	0	0	0	0	0	0	0
e.	Net Mission Savings	0	0	0	0	0	0	0
f.	Misc Recur Costs	0	0	0	0	0	0	0
g.	Misc Recur Savings	0	0	0	0	0	0	0
h.	Land Sales	0	0	0	0	0	0	0
i.	Procurement Cost Avoid	0	0	0	0	0	0	0

j. Fac. Shutdown (KSF)	ALL

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BRAC-95 SCENARIO DEVELOPMENT DATA CALL
Enclosure (2) - LOSING BASE QUESTIONS

ATTACHMENT 1

TO BRAC-95 SCENARIO DEVELOPMENT DATA CALL
2-14-0114-012A & 2-14-0117-013A
Listing of NSWC, Louisville Equipment and Machinery
(52 Pages)

Pages 1 thru 22 lists Product Line Equipment
Pages 23 thru 52 lists Product Line Machinery

(1). Following requirements faxed to NSWC, Louisville at 0512 on 12/04/94, by NSY Norfolk.

"I. The 253 items that are identified by NNSY for transfer from NOS Louisville are required to support the unique and highly specialized workload identified by the BSAT data scenario. NNSY currently does not have in its inventory the specialized equipment required to accomplish this work.

II. Some specific examples of this type of work are:

A. Gear manufacturing and repair
B. Heat treatment, machining, and inspection (x-ray) for rocket motors, MK-45 and MK 75 gun barrels, PHALANX
C. Unique plating for gun barrels
D. Support equipment unique to the identified product lines

III. The customer owned equipment which is dedicated / required to support NOSL product lines have been reviewed by NNSY. These items are special fixtures, test stands, test equipment, automated digital test benches and RF test systems which have been manufactured / assembled to support diagnostic and fault isolation in the QA / final acceptance of the overhauled ordnance product lines. NSY Norfolk does not have any of these unique test apparatus and concurs that they would be required to be transferred."

(2). The NSWC, Louisville Equipment and Machining Listing has been annotated to show equipment and machines transferring to NSY Norfolk and NSWC, Crane.

MK 75 EQUIPMENT LISTING

SA Fixtures and Test Stands

2 Ea Disassembly and Buildup Test Stands for Gun Mounts #5518400

2 Ea Full Powered Test Stands For Testing a Complete MK 75 Gun Mount and all electrical and mechanical systems #5518400

9 Ea SA2884811 trunnion and barrel supports for slide front #5518050

1 Ea SA2885117 Install Breech Assembly in Slide Housing

1 Ea SA2884989 Breech Assembly Build up #5518014

1 Ea SA2886819 Alignment fixture base clamp & nose clamp

3 Ea Right and Left Rock Arm Dis-assembly and build up stands

1 Ea SA2886202 to test syncro bows train #5519601 and elevation #5519978 after buildup

1 Ea SA2824452 Oscilograph Scale

1 Ea SA270-4071 buildup and test hoist reduction gear assembly #5518142

1 Ea SA270-3558 buildup and test train power drive assembly #5517942

1 Ea SA270-3559 buildup and test elevation power drive assembly #5517977

1 Ea SA2863925 buildup and test rear slide assembly #5518080

1 EA SA2864151 Test Misfire Case Extractor #5521283

1 Ea SA2886741 Removal and Installing Hoist Reduction Gear Assembly #5518142

1 Ea SA2886672 Test Train Bearing #5518566

LIST OF SPECIAL TOOLS

TEST FIXTURE	USED ON
SA270-2003	5518000,5523000
SA270-2013	5518014,5518015,5518050 5521300
SA270-2129	5517880
SA270-2130	5517850
SA270-2130-4	5517850
SA270-2130-5	5517850
SA270-2181-0	5517610,5517613,5520800
SA270-2181-1	5517620,5517623,5517626 5517627,5517628,5517629, 5517630,5517633,5517634, 5517635,5517637,5517638, 5517639,5517640,5517641, 5517640,5517643,5517644, 5517646,5517648,5517649, 5517656,5517657,5517658, 5517725,5517726,5517728, 5517747,5519611,5519980, 5519990,5520747,5521228, 5523010
SA270-2181-2	5517650,5517651,5517653
SA270-2181-3	5517660
SA270-2181-4	5517670
SA270-2181-5	5517680
SA270-2181-6	5517690
SA270-2181-7	5517770
SA270-2181-8	5517710,5517714,5517715 5517716,5517717,5517718

MK 75 EQUIPMENT LIST

LIST OF SPECIAL TOOLS

TEST FIXTURE	USED ON
SA270-2181-9	5517720
SA270-2181-10	5517730
SA270-2181-11	5517620,5517623,5517626 5517627,5517630,5517633 5517635,5517637,5517638, 5517641,5517643,5517644, 5517645,5517646,5517648, 5517649,5517650,5517653, 5517699,5517713,5517714, 5517715,5517716,5517717, 5517718,5517725,5517726, 5517728,5519990,5520747, 5520800,5521228
SA270-2580	5518080,5521300
SA270-2628	5518000,5518400,5523000 5523400
SA270-3459	5518014,5518015,5518050, 5521300,5523400
SA270-3461	5519601,5519978,5523011 5523041
*SA270-3489	5518180,5990207,5990218
SA270-3496	5517871,5517876,5517889 5517890,5517893
SA270-3497	5517874
SA270-3500	TS5517991

LIST OF SPECIAL TOOLS

TEST FIXTURE	USED ON
SA270-3501	5518050,5518092,5518094, 5518097,5518413,5518443, 5518444,5518821,5518822, 5518871,5518893,5518917, 5519102,5519226,5519465, 5519466,5520173,5520210, 5520211,5520318,5520338, 5520863,5521300
SA270-3558	5517942
SA270-3559	5517977
SA270-3559-8	5517942,5517977
SA270-3622	5518180,5990207
SA270-3707 item 31	5518000,5521266,5523000
SA270-3707 item 20	5518000,5521266,5523000
SA270-3789	5518014
SA270-3790	5518014
SA270-3792	5521446,5521447
SA270-3800	5518080,5521300
SA270-3802	5518080,5521300
SA270-3803	5518080,5521300
SA270-3808	5518060
SA270-3844	5518400,5523400
SA270-3913	5517738

LIST OF SPECIAL TOOLS

TEST FIXTURE	USED ON
SA270-3952	5518035,5518050,5518092 5518094,5518097,5518413, 5518443,5518444,5518821, 5518822,5518871,5518893, 5518917,5519192,5519226, 5519465,5519466,5520173, 5520210,5520211,5520338, 5520863,5521300
SA270-4051	5518060
SA270-4055	5518014
SA270-4070	5517883
SA270-4071	5518142,5518149
SA270-4073	5523053
SA270-4075; -2	5517750
SA270-4076	55177501-11
SA270-4078	5518189
SA270-4079	5518152
SA270-4084	5517876
SA270-4087	55180911-13
SA270-4088	5529496,5517997
SA270-4106	5529496
SA270-4108	5518060
SA270-4196	5518300,5518400,5523400 55830275

MK 75 EQUIPMENT LISTING

LIST OF SPECIAL TOOLS

TEST FIXTURE	USED ON
SA270-4464	5521446,5521447
SA270-5699	5518014,5518015,5518050 5521300
SA271-5699	5518400,5523400
SA2358086-5	5529496
SA2828722	5517620,5517626,5520628 5517630,5517635,5517637, 5517639,5517640,5517644, 5517646,5517726,5517728, 5519980,5519990,5520747, 5521228,5523010,
SA2863731	55185195-5
SA2864048	5517777
SA2864050	5519537
SA2864140	5517850
SA286414	55518300,5521487,5830275
SA2864156	[redacted]5524868,5831178
SA2864284	5517986
SA2864287	5517997
SA2864288	5517871,5517876,5517890, 5517893,5517889
SA2864289	5519537
SA2864290	5517986,55294961

LIST OF SPECIAL TOOLS

TEST FIXTURE	USED ON
SA2864291	55178933-8
SA2864293	5517889,5517871
SA2864295	5519442,5529537
SA2882701	5517867,5521448
SA2882704	5518142,5518150,5518794
SA2882708	5517600,5517603 5520755,5523005
SA2882824	5518142
SA2882910	5518142
SA2882927	5517867,5520849
SA2882929	5518519
SA2882930	5517871,5517876,5517890 5517893,5517889
SA2883325	5517660,5517670,5517680 5517690,5517770
SA2883326	5517710,5517720
SA2883351	5517750
SA2883358	5517942
SA2883360	5517942,5517977
SA2883368	5518189
SA2883830	5518300,5521487,5830275

LIST OF SPECIAL TOOLS

TEST FIXTURE	USED ON
SA2883838	5518300,5520730,5521487
SA2884538	5517860
SA2884539	5518764
SA2884618	5517860
SA2884811	5518014
SA2884827	5521266,5518653
SA2884828	5518566
SA2884829	5518142
SA2884849	5517660,5517670,5517680 5517690,5517700,5517710, 5518142,5517760
SA2884867	5517995
*SA2884954 *SA2884962	5517860 (Gallileo)
SA2885185	5518107
SA2885255	5520730
SA2885774	5520730
SA2885783	5518315,5518181 5520749,5520752 5519979,5523013,6-5 5518010
SA2886202	5519601,5519978,5523011 5523041

LIST OF SPECIAL TOOLS

TEST FIXTURE	USED ON
SA2886546	5519601,5519978,5523011 5523041
SA2886547	5519601,5519978,5523011
*SA2888389	5517860 (Gallileo)
SA4376-05-275	5517750
SA4376-09-011	5518000, 55230001
TD-15921	5517942,5517977
T24292	5519601,5519978,5523011 5523041
T24528	5519601,5519978,5523041 5523011

ACCURACY TEST PIT 3-12
w SA 1276-97-448-CERT

EQUIPMENT LISTING
MK 45, MK 75

Electrial tools, test equipment, fixtures and harness boards

SA613227 Terminal nut driver
SA2787880 Special Open wrench
SA2787881 Special Open wrench
SA2787882 Specail Open wrench
SA2788613 Switch Wrench
SA2883490 Socket, stuffing tube
STE 0416 Shield door switch adjusting tool gap
SA2885075-1A Prox SW installation tool
SA2885075-2B Prox SW installation tool
SA2885256 Gauss Gage
SA2824904 Magnet Charger Gage
SA2883352 Prox SW Test Set
SA2884523 Switch Actuator Test Set
QCE 4500 Solenoid Valve Control Panel
STE 4515 Cradle & Rammer Prox SW Tester
STE 4545 Prox Switch Tester
STE 4552 Cradle & Rammer Prox Switch Positioner
STE 4603 Gunport shield Continuity Test Panel
STE 4620 "EBX" Box Air Adaptors
SA627539-1 Test Cable
SA627539-2 Test Cable
SA627539-3 Test Cable
SA627539-4 Test Cable
SA627539-5 Test Cable
SA288331 Cable Test Fixture
SA2882700 Cable Test Fixture
SA2884959 Prox Switch Adj Tool
SA2882701 2HP1 Electrovalve Tester
SA2864259 2HP2 Electrovalve Tester
8415-28 Probe, temp, surface
8415-25 Probe, temp, air
8415-23 Probe, temp, surface
8415-22 Probe, tubulor
OV-301-50A Transducer celecso
TFC-115-200 Freq changer
SA2883185 Synchro fixture
QCE 4522 Counter recoil test panel
SA2703495 Firing recoil gage
SA2703501 Prox SW text fixture
SA2884867 Solenoid Tester
SA2702628 Remote Order Test Panel
SA2828722 Ref Director, 36X
SA2703461 Gage Fixture Synchro Box
SA2886546 Camstack tool
SA2886547 Weight for test firing
Honeywell Visacorder Model 1508C SC 41555
T-T4159 Cable Tester
93-31219 Cable Tester

EQUPMENT LISTING
MK 45, MK 75

Electrical tools, test equipment, fixtures and harness boards

2626238 Cable Tester
SK510202 Oscillogram reading scale
5164773 Cable Test
5164775 Cable Test
5164774 Cable Test
SA2886860 Synchro Relay Harness Board MK281 EP2
SA2886861 Power Distributor
SA2887014 Shelf Harness Board EP2
SA2887016 "
SA2887110 Gun Port Shield
SA2886852 Test Fixture
5585977 EBX1 Harness Board
5585978 EBX2 "
5585979 EBX3 "
8885980 EBX9 "
2862696 EBX1-8 "
SA2886859 Logie Harness Board EP2
2526982 Regulator Harness Board
2526983 "
2526982/2526983 Regulator Continuity Test Fixture
SA2825253 Regulator Continuity Test Fixture

EQUIPMENT LISTS

MK 45

Train Receiver Regulator Dwg. No. 2527116
SA fixture used: SA628197 & SA2882935

Elevation Receiver Regulator Dwg. No. 2527115
SA fixture used: SA628378

Fuze Setter Dwg. No. 5771781
SA Fixture used: SA2814015 & SA628199

Train Transmission Dwg. No. 2527143
SA Fixture used: SA2824555, SA2824556, SA2825212, SA2882679, SA2883553, SA2823012

Elevation Transmission Dwg. No. 2527142
SA Fixtures used: SA2825212, SA2822455, SA282455, SA2882679, SA2823012, SA2883553

Pump Assembly Dwg. No. 2527221
SA fixtures used: SA2884224-5, SA2884232-6, SA2882717, SA2884232-5

Pump Assembly Dwg. No. 2862408
SA fixtures used: SA2863441 and SA2883809

Pump Assembly Dwg. No. 2527215
SA fixtures used: SA2882717, SA2863441, SA2883809

Auxiliary Pump assembly Dwg No. 2527144
SA fixture used: SA2824923

Gear Reduction Assembly Dwg. No. 2527122
SA fixture used: SR31447, SR32175, SR31643-10A, SA2883370

TEST

MK 45 Loader SA 2886852
Pump 044203
Pump 045077
Pump 197M003901
Pump 046237
Pump 044610
Pump 045075
Pump 044634
Pump 045076
Table SA2883970-1
SA2527126 Counter Recoil Cyclinder Righ Hand
SA2527158 Counter Recoil Cylinder Left Hand
QAP3783 7-4 SA628191
SA2885202
SA2884223

SA2884224-2 and SA2884224-1 For right hand
SA2884228
SA2884233
4 each #263XUS2X00GFA Holding Fixture for Cradle Assembly
3 ea Holding fixture for carriage stand
2 ea Holding fixture for gun barrel housing
2 ea Lifting fixture for Loader
4 ea Holding fixture for doors to loader
3 ea Stand to hold base of loader
1 ea Fixture to Hold Lower Hoist
2 ea Mounting Lifting fixture
1 ea Carriage leveling stand
2 ea pump for filling draining MK 45 GWS
2 ea Holding fixture for gun port shield
1 ea Nitrogen Charging fixture
1 ea Test Stand for MK 45 GWS
1 ea Header Tank Test Fixture
1 Ea Lubricating Pump for Hydraulic Filling
1 ea Nitrogen Booster Pump
2 Ea Holding Fixture for Slide Assembly build up.

MK 45 EQUIPMENT LISTING

Assembly Number	Nomenclature	Mount Quanity	Mod 1 Fig.#	Mod 0 Fig.#	
1549397	Filter	1	4-1242	4-1269	
2527126	Counter Recoil Cyl. R/H	1	31	28	
2527129	Shifter Cylinder Assembly	1	40	37	
2527130	Charging Valve (5000 lbs.)	1	45	42	SA2358081-1
2527131	Interlock Assembly	2	39	36	SA2358080-2, SA2358081-
2527134	Breech Block Control	1	33	30	SA2883900/3783-7-11
2527150	Interlock Valve	1	28	25	SA2358080
2527153	Drive Control Valve	1	26	23	SA2358069, SA2358068 SA2358080, SA2358081
2527155	Latch Release	1	24	21	SA2358080, SA2358081
2527158	Counter Recoil Cyl. L/H	1	31	28	
2527184	Accumulator Assembly	1	70	67	SA358080-4
2527185	Charging Valve (3000 lbs.)	1	71	68	SA2358067, SA2358068 SA2358080, SA2358081
2527187	Hoist Control Valve Assy.	1	134	131	SA628201, QAP3783 10-4
2527189	Cradle Positioned Interlock	1	132	129	SA2358081
2527191	Index Drive Assembly	1	151	148	SA2883356
2527194	Unload Doors Interlock Valve	1	148	145	SA2358080, SA2358081
2527197	Loading Station Piston Assy.	1	140	137	SA2358081-2
2527199	Positioning Piston Assy.	1	141	138	SA2358081-2
2527200	Positioning Mech. Latch Assy.	1	144	141	SA2358081-2

MK 45 EQUIPMENT LISTINGS

Assembly Number	Nomenclature	Mount Quanity	Mod 1 Fig.#	Mod 0 Fig.#	
2527201	Position & Ejection Control Valve	1	150	147	SA2883355, QCB4506, QCB4502
2527207	Ejector Piston Assembly	1	156	153	SA2863457-12, SA2884529-20
2527208	Ejector Latch Assembly	1	157	154	SA2358080-2
2527209	Cradle Operating Cylinder	1	100	97	SA2884225, SA2884234
2527210	Cradle Cylinder Valve Block	1	101	98	SA2358068, SA2358067, QCB45
2527211	Cradle Velocity Control	1	97	94	SA2884224-12 SA2884224-1, SA2884235, SA2358080-2
2527213	Rammer Control Valve	1	43	40	SA2883355, SA2858080-5
2527219	Charging Valve (3000 lbs.)	1	166	163	SA2358068-1
2527229	Charging Valve	1	171		SA2358068-1
2527239	Door Operating Piston	1	13	11	SA2358080-2
2527243	Upper Cradle Response	1	93	90	SA2883160
2527244	Lower Cradle Response	1	95	92	SA2883364
2527245	Cradle to Hoist Latch Assembly	1	110	107	SA2358080, SA2358081
2527247	Cradle to Slide Latch Assembly	1	42	39	SA2358080-2
2527248	Cradle Down Interlock	1	41	38	SA2358080-2, SA2358081-2
2527267	Buffer Assembly	4	16	13	SA2358086-2807A
2527270	Fuze Setter Interlock	1	145	142	SA2358081
2527273	Cradle Control Interlock Assembly	1	135	132	SA2358081-2
2527277	Cradle Buffer Assembly	1	127	124	SA2864281

MK 45 EQUIPMENT LISTING

Assembly Number	Nomenclature	Mount Quanity	Mod 1 Fig.#	Mod 0 Fig.#	
2527293	Piston Pawl	1	104	101	SA2358068-2
2527304	Train Limit Stop	1	107	103	SA2358081-2, QCE4502
2527318	Pressure Switch Blocks	2	18	15	SA2862925
2527331	Accumulator Exercise & Emer.	1	163	160	SA2358080-3
2527618	Pressure Filter	2	158-40 167-58	155-38 164-53	SA628216
2527619	Pressure Filter	2	18	15	SA628216
2545232	Diverter Door Oper. Piston Assembly	1	92	89	SA2358081-2, QCE4506
2545263	Hoist Drive Latch Assembly	1	136	133	SA2358080-2
2860021	Control Valve Assembly	1	205	198	SA2883186, SA2883366 SA2883016
2860022	Latch Valve Assembly	1	206	199	SA2358080, SA2358081
2860026	Operating Piston	1	N/A	203	SA2358080-2
2860027	Latch Door Assembly	1	211	204	SA2358080-2
2860034	Latch Door Assembly	1	N/A	205	SA2358080-2
2862110	Fuze Setter Actuator	1	117	114	SA2358080, SA2358081
2862400	Aux. Relief Valve Block	1	68	65	SA2358080-2 SA2358081-2, SA2358081-3
2862403	Cradle Dir. Cylinder Control Valve	1	108	105	SA2883366, QEC4500, 4502, SA2865455
2862404-1	Accumulator Control Assembly	1	161	158	SA2358080-2, SA2358080-7
2862404-2	Accumulator Control Assembly	1	161	158	SA2358080-2, SA2358080-1 SA2885455-6

MK 45 EQUIPMENT LISTING

Assembly Number	Nomenclature	Mount Quanity	Mod 1 Fig.#	Mod 0 Fig.#	
2862422	Solonoid Valve Assembly	1	44	41	SA2358080-2, SA2358080-1
2862423	Solonoid Valve Assembly	1	44	41	QCE4500 SA2358080-2, SA2358081-2
2862427	Solonoid Valve Assembly	1	152	149	QCE4500, QCE4502 SA2358080-2, SA2358081-1
2862428	Solonoid Valve Assembly	1	153	150	QCE4500, QCE4502 SA2358080-2, SA2358081-1
2862429	Loading Station Latch Assembly	1	143	140	SA2358080, SA2358081
2862463	Check Valve Assembly	1	172	164	
6138850	Hoist Drive Assembly	1	N/A	136	SA2358080-2

EQUIPMENT LISTS

CABLE ASSEMBLY/TEST 19

1 @ ESP 7400 Test Station - Consists of 1 Bay Digital Computer
Control Section
2 Bays Interface Sections

Approximately 250 Interface Connecting Cables

2 @ Work Stations For SP-23 Cables

4 @ Equipment Cabinets (6' X 3' X 2') of Special Crimping Tools, Assembly Tools, Test Guages

4 @ Pallets of various harness boards

Approximately 30 @ pallets of SP-23 owned material

TPES - 3
FOR MK 17

1 @ 5' x 6' granite table
2 @ safes approx 60"x24"x48"
9 @ Vidmar cabinets of sub-safe material
2 @ Assembly/Dis-assembly/Alignment fixtures (floor mounted)
1 @ Metal sub-assembly, floor anchored table
1 @ Tooling fixture, part number 3181084
1 @ Drill press SN184031 - 25 Ton
1 @ 200 Ton press - NID046234 - used for assembly/dis-assembly/test
1 @ 2 ton portable crane - NID 006307
1 @ Assembly fixture part number 3181084

MK 19

1 @ Assembly Stand part number 6912162
1 @ Hydrostatic Test Room - capable of H.P. of 1200 lbs. (apprx. 6'x9'x15')

COMBINED FACS

7 @ 3'x5'x4' Chemical conversion tanks
1 @ Oven S/N 91288-460v, 50/60 Hz, 3.phase, 24 amps
1 @ Test/Insp Fac #916017 - 115v, 60 Hz, 1 phase, 10 amps
1 @ Circular Overhead Crane - 1 1/2 ton NID 006301
1 @ 5 Ton Crane NID 042245
1 @ Impound cage - 10'x20'x3'

SVTT

1 @ Test Firing Range apprx. 2'x2'x80'
1 @ Control Panel
Dummy torpedo for test firing
Hydrostatic test station for air flask - utilizes H.P. 5000 lbs.
Breech Mechanism test fixture - utilizes 1200 lbs. H. P. Air
Tube Drilling Fixture
Loading fixture test station

MK 92 CAS/STIR

1 @ Test Stand - 10'x10'x6'
2 @ Control Panels
2 @ Barbettes For dis-assembly/build-up
20 @ Material Handling Fixtures
1 @ 400 Hz Generator

ABL

2 @ Test Stands 24'x6'
1 @ 5-ton crane
1 @ 25-ton crane
1 @ 440V control panel
1 @ 110V control panel
5 @ Equipment cabinets of test SA's (6'x3'x2')
1 @ Hydrostatic Test Bench - 4'x6' - utilizes 5000 lbs./H.P.
4 @ Test Missiles - 2'x24'
1 @ Lifting fixtures - 6'x2'

DECOY L.T.

4 @ Build-up Stands - 2'x3'
  Various Harness Boards
1 @ Test panel 1 1/2'x2'
1 @ Textronic 564B Storage Scope
1 @ Control Panel Test Stand

NATO SEA SPARROW

3 @ Barbettes used for dis-assembly/assembly/test
2 @ 8'x2' holding stands for cells
1 @ Control panel 6'x3' assembly # 53711-L6780085
2 @ Tray racks 2'x4'x8'
  Rail fixture
1 @ Cooler test SA

TAS

Low Power FAC
1 @ 90 ft. self supporting tower
1 @ 10 ft. parabolic dish
1 @ Feed horn
1 @ Scientific Atlanta - 3 pole positioner

TAS CONT

1 @ Scientific Atlanta - 1 pole positioner
1 @ SA Signal Source
1 @ 30 watt TWT power Amp.
1 @ 1711 micro wave receiver/Lo
1 @ Signal source controller
1 @ Bolometer/Crystal Amp.
1 @ 1511 Chart Recorder
1 @ Freq. Generator Controller
1 @ 3 pole controller
1 @ 1 pole controller
1 @ Pau/Rcu position Amp. controller
1 @ Material Handling device - boom/pivot assy.
1 @ FAC PC

TAS
HIGH POWER FAC

88 ft. of full height wave guide
1 @ 1/2 to full height transition
1 @ stand alone tester for signal processor
1 @ " " " " signal data converter/Antenna pedistal
1 @ " " " " transmitter
1 @ " " " " waveguide

Cooler Test Stand
1 @ 28V Power Supply
1 @ Control Panel SA 2886234
2 @ Flow Rate Meter Panels

MATERIAL HANDLING DEVICES

3 @ Antenna Tables
1 @ Transmitter Lifting fixture
1 @ Antenna/Pedistal Lifting fixture
1 @ MK 23 Dolley
3 @ Aluminum Pedestal Dolleys

TEST STANDS

1 @ Antenna Pedestal Group
1 @ Aluminum build-up plate
1 @ 2'x4' Surface Plate
1 @ 12'x12' " "
1 @ 10'x10' Alignment plate
1 @ Dummy antenna for load test
1 @ 400 Hz. generator / 100 amps.
1 @ FAC PC

TEST EQUIPMENT

8 @ Equipment cabinets of various connectors/adaptors/test leads etc.
Signal Processor test panel: Digital Equipment
T-2888
T-2886
T-2887
T-2620
A 09072 Main Frame
Key Board
2 @ HP Color Probe Plotters
1 @ HP 3612A DC Power Supply
1 @ HP 3610A DC Power Supply
1 @ Kenwood DC Power Supply PD56-10
1 @ Ballentine 2XRMS - 323
1 @ Huntron 2000 Tracker
2 @ Textronic 2445B
1 @ Power Supply 0-55Volts/0-5 Amp
3 @ 214B Pulse Generator HP
1 @ HP 1650B Log Amp.
1 @ HP 8350B Sweep Osc.
1 @ HP 83522A RF Plug in
1 @ HP 5361B Pulse CW-MW Counter
2 @ HP 435B Power Meters
1 @ HP 7090A Measuring Plotter System
4 @ HP 3478A Multimeters
1 @ Simpson 410 Insulation Tester
1 @ Textronic 6237B Power Supply
2 @ HP 5334B Universal Counter
1 @ HP 8753C Network Anay.
1 @ HP 85046A S Parameter Test Set
1 @ HP 9000/300 Computer Set

TEST EQUIPMENT TO SUPPORT CIWS DEPOT OVERHAUL WORKLOAD

Code 50 Equipment Listing

TE125	Indoor Compact Antenna Range
TE200	Insertion Loss & VSWR Station
TE8028	Modulator Test Set
A219	High Voltage Power Supply Test Set
TE8029	Transmitter Test Set
TE222	Alignment & Balancing Station
TE223	Dynamic Spin Balance Station
TE209	Elevation Test Station
TE210	Shock Isolator & Buffer Test Set
TE404	Coolant Pump Assembly Test Set
TE451	Blower Heat Exchanger Test Set
TE452	Coolant System Test Set
TE204	Ammo Handling System Test Set
TE600	Train Drive Test Station
TE601	Instrument Gear Box Test Set
TE602	Linear Actuator
TE608	Recoil Adapter Test Station
TE8000 (2)	System Test Range
TE8001	System Integration Test Set
TE8002	Train Platform Run-In Test Set
TE207	Upper Mount Test Equipment
TE119	Installed Wiring Test Set
TE201	Power Supply Test Set
TE205	Motor Test Set
TE221	Alignment and Balancing Statiion
TE213	VSWR/Isolation/Phase Test Set
TE206	Hydraulic Pump & Motor Test Set
TE402	Hydraulic Power Supply Test Set
TE406	Hydraulic Component Test Set
TE8005 (2)	RF/IF Test Set
TE110	FM Noise/Network Analyzer Test Set
TE8008 (2)	RF Adjustment Test Set
TE306	Automated RF adjustment Test Set
TE304 (5)	Analog Test Set
TE305	Analog Test Set
TE131	Digital Test Set
DTS-70 (2)	Digital Test Set
TE8009	Analog Test Set
TE9001	Analog Test Set

High Voltage High Vacuum Oil Purification (2)
CCA Manufacturing Equipment

EQUIPMENT LIST FOR COST CENTER 90F

"A" Bottom

EQUIPMENT DESCRIPTION	NID NUMBERS	BUILDING/ COLUMN LOCATION	COST CENTER
✓ IMPACT TEST 6000 LBS CAP	*1151	A30 E05	90F
✓ IMPACT TEST 2000 TO 200000 LBS	*41852	A30 E5-6	90F
✓ TENSILE TEST 264 FT/LBS CAP	*42251	A30 E5-6	90F
✓ ENVIRONMENTAL CHAMBER	*42612	A30 E4-5	90F
BELT SURFACE GRINDER/POLISHER	~~42902~~	A-4-UP	90F
CALIBRATOR	~~42917~~	A4 LNT O	90F
IMPACT TEST 30000 LBS CAP	~~42926~~	A30 E05	90F
WELDER, 100AMP, RE-MELT FURNACE(TIG)	~~42936~~	A-4-UP	90F
ENVIRONMENTAL TEST 4 CUFT 1000 DEG	~~42992~~	A30 D2-3	90F
ENVIRONMENTAL TEST 5 CUFT 350 DEG	~~42993~~	A30 E4	90F
ENVIRONMENTAL TEST 90PERCENT 200DE	~~42998~~	A30 E04	90F
POLISHER ROTARY LAB	~~43110~~	A-4-DOWN	90F
GRINDER (ROCKWELL/DELTA)	~~43322~~	A-4-UP	90F
SAW CUTOFF 12" X 12" TBL 5 IN WHL	~~43378~~	A30 E5	90F
INFRARED SPECTROPHOTOMETER	~~43472~~	A-4-DOWN	90F
✓ ENVIRONMENTAL TEST WEATHER-OMETER	*43835	A30 E04	90F
PRESS 10000 LBS PRESSURE	~~42960~~	A-4-UP	90F
✓ STRENGTH TEST 20000 LBS CAP	*44105	A30 E5-6	90F
SALT FOG TEST CABINET	~~44606~~	A30 E4	90F
AUTOMATIC BOTTLE SAMPLER, (HIAC)	~~44950~~	A-4-DOWN	90F
ABRASIVE CUTTER SAW	~~45470~~	A-4-UP	90F
EMISSION SPECTOMETER	~~45906~~	A-4-DOWN	90F
SCANNING ELECTRON MICROSCOPE	~~46111/112~~	A-4-DOWN	90F
✓ SUSTAINED LOAD IMPACT TEST 20K # CAP	*XXXXX	Z-BLDG	90F

THE TOTAL NUMBER OF MACHINES IN COST CENTER 90F IS EQUAL TO 24

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253 WITH ✓ REQUIRED BY NSY NORFOLK

944 EXCESS

1197 TOTAL

EQUIPMENT LIST FOR COST CENTER 20

"A" Building

EQUIPMENT DESCRIPTION	NID NUMBERS	BUILDING/ COLUMN LOCATION	COST CENTER
DRILL 22" X 58" TBL 7/8" CAP 2 SPD	~~106179~~	A20 D17-18	20
DRILL 25" X 44" TBL 3/4" CAP 2 SPD	~~12605~~	A20 C10	20
HONE HORZ 2-5/8 IN DIA	~~13742~~	A10 C18	20
SURFACE PLATE 144 IN X 144 IN TBL	*15279	A20 D6-7	20
SURFACE PLATE 84 IN X 168 IN TBL	*15390	A10 C3	20
DRILL 18"X28" TBL 3/4" CAP 6 SPINDLE	~~15855~~	BLDG 93	20
SURFACE PLATE 48 IN X 144 IN TBL	*2462	A20 D02	20
MILL HORIZ 10 IN X 50 IN TBL	~~267~~	A10 C17	20
3/50 KICK	~~3/50 KICK~~	A	20
3/50 TEST 1	~~3/50 TEST 1~~	A	20
3/50 TEST 2	~~3/50 TEST 2~~	A	20
DRILL RADIAL 3 FT ARM 9 IN COLUMN	~~307104~~	A30 D10	20
LATHE ENGINE	~~333~~	A10 C17	20
GRINDER OSC SURF 8 IN X 24 IN TBL	*4010	A10 B06	20
WELDING POSITIONER 48 IN DIA CAP	*40252	A30 D09	20
DRILL 21" X 34" TBL 7/8" CAP	~~40331~~	A10 B04	20
BLOUNT WET GRINDER	*4205	A20 C15	20
ENV TEST -100 TO 250 DEG F 786 CFT	*42849	A30 D02	20
SONIC CLEANER, BRANSON	*43882	A20 C15	20
POWER SUPPLY	*44203	A30 D07	20
HYD PUMP	*44610	A30 D6	20
HYD. PUMP (REXROTH), XHP, XPSI, XGPM	*44634	A30 E03,BLDG 81	20
DEGREASER, VAPOR	~~45054~~	A10 B8-9	20
BREECH HOUSING TEST UNIT	*45075	A30 D4-5	20
METAL DISINTERGRATOR	*45446	A2 LNT 0	20
STAK STORAGE SYSTEM 160 GPM	~~46226~~	BLDG 93	20
HYD. TEST BENCH,100HP, XPSI, XGPM	*46237	A30 D06	20
5/38 KICK	~~5/38 KICK~~	A10 B17-18	20
PRESS 75 TON 7-1/2" STROKE	*605922	A10 B7	20
MK42 TEST 1	~~MK42 TEST 1~~	A20 W10	20
MK42 TEST 2	~~MK42 TEST 2~~	A20 W9	20
MK42 TEST 3	~~MK42 TEST 3~~	A20 W8	20
MK42 TEST 4	~~MK42 TEST 4~~	A	20
MK45 TEST 1	*MK45 TEST 1	A20 W11	20
MK45 TEST 2	*MK45 TEST 2	A30 Y22	20
MK45 TEST 3	*MK45 TEST 3	A30 Y21	20
MK75 BUILD-UP TEST STAND #1	*MK75 TEST 1	A30 D23	20
MK75 BUILD-UP TEST STAND #2	*MK75 TEST 2	A30 D22	20
MK75 TEARDOWN TEST STAND #3	*MK75 TEST 3	A30 D20	20
MK75 TEARDOWN TEST STAND #4	*MK75 TEST 4	A30 D19	20

THE TOTAL NUMBER OF MACHINES IN COST CENTER 20 IS EQUAL TO 40

EQUIPMENT LIST FOR COST CENTER 90L

"B" BUILDING

EQUIPMENT DESCRIPTION	NID NUMBERS	BUILDING/ COLUMN LOCATION	COST CENTER
GRINDER (BLOUNT)	~~000046X~~	B20 C06	90L
✓ TABLE UNIV TILT 48 IN X 48 IN	*1020	B10 B16	90L
DRILL RADIAL 4 FT ARM 13 IN COLUMN	*105078	B20 D04	90L
DRILL RADIAL 6 FT ARM 17 IN COLUMN	*110202	B20 D07	90L
DRILL RADIAL 8 FT ARM 19 IN COLUMN	*12607	B20 D05	90L
GRINDER ROT SURF 16 IN DIA TBL	~~129695~~	B10 B21	90L
LATHE ENGINE 10 IN SW X 18 IN CC	~~142890~~	B10 B20	90L
MILL HORIZ 16 IN X 72 IN TBL	~~149~~	B10 B18	90L
✓ HONE HORZ 6 IN DIA X 32 FT STROKE	*15007	B20 C20	90L
✓ SURFACE PLATE 192 IN X 192 IN TBL	*15168	B10 C21	90L
✓ LAPPING CYLIND 3/50 CAL 37 IN DIA	*15239	B30 E17	90L
✓ SURFACE PLATE 120 IN X 216 IN TBL	*15424	B10 C21	90L
MILL HORIZ BORING 5.0 IN SPDL	*15708	B30 E04	90L
JIG BORE 2 IN DR 22 IN X 26 IN TBL	*15846	B10 B19	90L
DRILL RADIAL 12 FT ARM 26 IN COLUM	*15850	B20 D05	90L
GRINDER ROT SURF 72 IN DIA TBL	*17735	B10 B04	90L
✓ GRINDER ROT SURF 72 IN DIA TBL	*17736	B10 B05	90L
✓ GRINDER VERT 120" TBL 14" WHL	*17741	B10 B07	90L
GRINDER ROT SURF 72 IN DIA TBL	*17748	B10 B09	90L
GRINDER CYLIND 10 IN SW X 24 IN CC	~~17761~~	B10 B17	90L
✓ GRINDER INT 40 IN SW X 48 IN DP	*17765	B20 C13	90L
GRINDER ROT SURF 36 IN DIA TBL	~~17774~~	B10 B08	90L
GRINDER JIG 16 IN X 10 IN TBL	~~17779~~	B U20	90L
GRINDER ROT SURF 120 IN DIA TBL	*17960	B10 B02	90L
MILL VERT BORING 45" SW X 42" TBL	*1923	B10 C04	90L
MILL VERT BORING 45" SW X 42" TBL	~~2216~~	B10 C03	90L
MILL VERT BORING 45" SW X 42" TBL	~~2147~~	B10 C02	90L
MILL HORIZ BORING 3.5 IN SPDL	*2804	B20 C16	90L
MILL VERT BORING 240 IN DIA TBL	*2809	B30 E18	90L
MILL HORIZ BORING 8.0 IN SPDL	*2812	B20 C17	90L
MILL VERT BORING 100" SW X 90" TBL	*2824	B10 C09	90L
MILL VERT BORING 66" SW X 62" TBL	*2826	B10 C10	90L
MILL VERT BORING 240 IN DIA TBL	~~2830~~	B30 E14	90L
JIG BORE 1 IN DR 16 IN X 20 IN TBL	*2833	B10 B19	90L
MILL HORIZ BORING 4.0 IN SPDL	*2835	B30 D05	90L
MILL VERT BORING 100" SW X 96" TBL	*2836	B10 C05	90L
MILL HORIZ BORING 5.0 IN SPDL	*2837	B30 D02	90L
MILL HORIZ BORING 4.0 IN SPDL	*2838	B30 D05	90L
MILL HORIZ BORING 3.0 IN SPDL	~~2844~~	B30 E11	90L
MILL HORIZ BORING 8.0 IN SPDL	*317211	B10 C15	90L
MILL HORIZ BORING 8.0 IN SPDL	*317212	B10 C18	90L
COMPARATOR OPTICAL	~~320259~~	B C21	90L
LATHE ENGINE 32 IN SW X 156 IN CC	*3872	B30 E21	90L
✓ ROTARY TABLE	*40011	B20 C17	90L
MILL HORIZ BORING 3.0 IN SPDL	~~40055~~	B30 E8S	90L
MILL HORIZ BORING 3.0 IN SPDL	~~40056~~	B30 E8S	90L
GRINDER ROT SURF 72 IN DIA TBL	*40059	B10 B09	90L
MILL HORIZ BORING 4.0 IN SPDL	*40122	B30 D08	90L

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EQUIPMENT LIST FOR COST CENTER 90L

EQUIPMENT DESCRIPTION	NID NUMBERS	BUILDING/ COLUMN LOCATION	COST CENTER
GRINDER CYLIND 24 IN SW X 120 IN C	*40138	B20 C10	90L
MILL HORIZ 12 IN X 56 IN TBL	*40145	B10 B18	90L
DRILL RADIAL 5 FT ARM 15 IN COLUMN	~~40214~~	B20 D10	90L
DRILL RADIAL 4 FT ARM 13 IN COLUMN	~~40223~~	B20 D11	90L
DRILL RADIAL 4 FT ARM 13 IN COLUMN	~~40225~~	B20 D08	90L
MILL HORIZ BORING 3.0 IN SPDL	*40228	B30 E09	90L
MILL HORIZ BORING 3.0 IN SPDL	*40229	B30 B10	90L
MILL HORIZ BORING 5.0 IN SPDL	*40247	B30 D09	90L
MILL HORIZ BORING 4.0 IN SPDL	*40248	B30 D08	90L
MILL HORIZ BORING 3.0 IN SPDL	~~40257~~	B30 E10	90L
LATHE, TURRET, VERT, 64 IN SW	*40260	B10 B11	90L
MILL VERT BORING 28" SW X 96" TBL	~~40267~~	B10 B15	90L
DRILL 21" X 34" TBL 7/8" CAP	~~40350~~	B10 B20	90L
PLANER OPENSIDE 48" X 120" TBL	*40355	B20 C04	90L
LATHE ENGINE 18 IN SW X 54 IN CC	~~40365~~	B U20	90L
RADIAL DRILL 5FT.-15IN. (FOSDICK)	~~40381~~	B20 D12	90L
PLANER MILL 80" X 216" TBL 30" HG	*40484	B30 E19	90L
GRINDER OSC SURF 14 IN X 48 IN TBL	~~40487~~	B U21	90L
PLANER MILL OPENSIDE 42" X 146" TB	~~40510~~	B20 C05	90L
MILL VERT BORING 168 INCH DIA TBL	*40519	B10 C07	90L
GRINDER (HISEY)	~~40539~~	B20 D03	90L
MAGNAFLUX PARTICLE INSPECTION UNIT	~~40586~~	B10 B08	90L
DRILL RADIAL 10 FT ARM 26 IN COLUM	*40612	B20 D06	90L
JIG BORE 2 IN DR 40 IN X 62 IN TBL	*40643	B30 E06	90L
PLANER MILL OPENSIDE 42" X 146" TB	*40674	B20 C6-7	90L
MILL HORIZ BORING 4.0 IN SPDL	*40766	B10 C14	90L
PLANER MILL 44" X 509" TBL	*40900	B30 D21	90L
ELECTRO ARC DISINTEGRATOR	*41209	B20 D08	90L
GRINDER CYLIND 10 IN SW X 30 IN CC	~~41449~~	B10 B16	90L
MEASURING MACH 120 IN CAP	~~41467~~	B2 DN-NORTH	90L
MILL VERT HYDROTEL 12" TT	~~41576~~	B10 B14	90L
SURFACE PLATE 48 IN X 120 IN TBL	*41963	B10 C21	90L
VACU-BLAST 48 IN X 36 IN X 30 IN	~~42070~~	B10 B22	90L
LATHE GUN BARREL 32" SW X 15 FT CC	*42083	B20 D15-18	90L
STRAIGHT PRESS 400 TON 16" STROKE	*42146	B20 C11	90L
HONE HORZ 12 IN DIA X 45 FT STROKE	*42147	B20 C20	90L
MILL VERTICAL 9 IN X 48 IN TBL	~~42154~~	B20 D03	90L
N/C MILL HORIZ BORE 2" SPN 108" TT	*42189	B30 E05	90L
MAGNAFLUX MAGNETIZE 3000 AMP	*42211	B30 E13	90L
LATHE ENGINE 40 IN SW X 324 IN CC	*42219	B20 D16	90L
HONE VERT 10 IN DIA X 65 IN STROKE	*42220	B10 B20	90L
BORING MACH, DEEP HOLE, 14 IN BORE	*42221	B20 C23	90L
LATHE ENGINE 40 IN SW X 372 IN CC	*42233	B20 D19	90L
SURFACE PLATE 48 IN X 144 IN TBL	*42639	B10 C21	90L
SURFACE PLATE 48 IN X 120 IN TBL	*42640	B10 C21	90L
GRINDER OSC SURF 8 IN X 24 IN TBL	~~42802~~	B10 B17	90L
LATHE ENGINE 15 IN SW X 54 IN CC	*42822	B10 B20	90L
GRINDER INT 30 IN SW X 17 IN DP	~~42846~~	B10 C16	90L

EQUIPMENT LIST FOR COST CENTER 90L

EQUIPMENT DESCRIPTION	NID NUMBERS	BUILDING/ COLUMN LOCATION	COST CENTER
N/C MILL HORIZ BORE 1" SPN 108" TT.	*42861	B30 D67	90L
MILL HORIZ BORING 5.0 IN SPDL	*42901	B30 D05	90L
PLASMA SPRAY 6 FT CENTER	~~42921~~	B10 B22-23	90L
SAW CUTOFF 12" X 12" TBL 5 IN WHL	~~42934~~	B10 B20	90L
DRILL RADIAL 6 FT ARM 15 IN COLUMN	*42966	B20 D07	90L
GRINDER CENTERLESS 3" DIA X 10" LG	~~42970~~	B10 B17-18	90L
JIG BORE 2 IN DR 33 IN X 43 IN TBL	*42979	B20 E08	90L
MILL VERT BORING 14" SW X 62" TBL	~~42989~~	B10 B18	90L
GRINDER TOOL 2 SPDL 2" CAP 10" WHL	~~4308~~	B10 C11	90L
GRINDER INT 24 IN SW X 12 IN DP	~~43326~~	B10 B15	90L
PURIFIER OIL 40 GPM 300 GAL 10M	* 43405	B20 C12	90L
SURFACE PLATE 48 IN X 192 IN TBL	*43463	B20 C22	90L
SURFACE PLATE 204 IN X 252 IN TBL	*44044	B10 C18	90L
CNC MACH CNTR 60IN X 30IN Y 25IN Z	* 44387	B30 D04	90L
PLASMA SPRAY BOOTH 60 SQFT CHAMBER	*44390	B10 B22-23	90L
LAYOUT TABLE	*44394	B10 C20	90L
PLASMA SPRAY SYSTEM	*44488	B10 B22-23	90L
HIGH PRESSURE AIR SYSTEM	*44604	B10 C23	90L
LATHE, SPEED, W/65 COLLETS	~~45068~~	B10 B20	90L
CNC VERT BORING MACH 4-AXIS	*45443	B10 C12	90L
MAGNAFLUX DEMAGNETIZING UNIT	*45468	B10 B7-8	90L
SURFACE GRINDER	*45472	B10	90L
ENGINE LATHE	*45977	B20	90L
HORZ. BORING MILL,BEDPLATE 8'x24'-6"	*46130	B30 D11	90L
TAPPER 1.0 IN TAP 2.25 IN STROKE	~~400~~	B20 D09	90L
LATHE ENGINE 10 IN SW X 20 IN CC	~~5013~~	B10 B15	90L
DRILL 24" X 36" TBL 1" CAP	~~50535~~	B20 D09	90L
MILL HORIZ BORING 5.0 IN SPDL	*51434	B30 D07	90L
MILL VERT BORING 78" SW X 74" TBL	*5193	B10 C05	90L
LATHE ENGINE 13 IN SW X 54 IN CC	~~5203~~	B10 B21	90L
RADIAL DRILL	~~52420~~	B20 D11	90L
DRILL RADIAL 6 FT ARM 15 IN COLUMN	*52428	B20 D11	90L
GRINDER,CYLIND,42 IN SW X 27 IN LG	* 52525	B10 B10	90L
CORDAX COMPUTER SYSTEM	*5642	B10 C22	90L
PLANER MILL 19 FT X 20 FT TBL	*5880	B30 E16	90L
MILL HORIZ BORING 5.0 IN SPDL	~~5908~~	B30 E3	90L
MILL HORIZ BORING 8.0 IN SPDL	*5912	B20 C15	90L
MILL VERT BORING 66" SW X 62" TBL	*5913	B10 C11	90L
MILL HORIZ BORING 6.0 IN SPDL	*5917	B20 C14	90L
MILL HORIZ BORING 4.0 IN SPDL	~~5928~~	B30 E03	90L
MILL THREAD 17 IN DIA X 10 IN CC	*5933	B20 C08	90L
PLANER MILL DLB COL 168" TT	*5940	B20 C05	90L
N/C CINN HYDROTEL 28IN SW X 120 CC	*5953	B10 B13	90L
MILL HORIZ HYDROTEL 120". TT	*5955	B10 B16	90L
RIFLING MACHINE 5" DIA 26" STROKE	*6802	B20 C21	90L
SAW POWER C/O 6" X 6" STOCK CAP	~~7058~~	B10 B18	90L
GRINDER OSC SURF 12 IN X 48 IN TBL	~~800060~~	B U8	90L
LATHE ENGINE 32 IN SW X 252 IN CC	*9754	B20 D22	90L

EQUIPMENT LIST FOR COST CENTER 90L

EQUIPMENT DESCRIPTION	NID NUMBERS	BUILDING/ COLUMN LOCATION	COST CENTER
LATHE ENGINE 32 IN SW X 252 IN CC	*9755	B20 D15-16	90L
LATHE ENGINE 32 IN SW X 376 IN CC	*9757	B20 D19	90L
LATHE ENGINE 32 IN SW X 376 IN CC	*9758	B20 C22	90L
HOLLOW SPINDLE LATHE	*046047		

THE TOTAL NUMBER OF MACHINES IN COST CENTER 90L IS EQUAL TO 147

EQUIPMENT LIST FOR COST CENTER 30

"C" BUILDING

EQUIPMENT DESCRIPTION	NID NUMBERS	BUILDING/ COLUMN LOCATION	COST CENTER
DRILL 22" X 36" TBL 1.0" CAP 2 SPD	~~106180~~	C20 D05	30
DRILL 25" X 44" TBL 1.5" CAP 2 SPD	~~106182~~	C20 C16	30
DRILL 25" X 44" TBL 1.5" CAP 2 SPD	~~106183~~	C30 D19-20	30
MILL ENGRAVER 8 IN X 12 IN TBL	~~15775~~	C20 D10	30
DRILL 18" X 28" TBL 3/4" CAP 6 SPD	~~15855~~	C30 E5	30
MILL ENGRAVER/ PROFILER (GORTON)	~~210007~~	C20 D09	30
MILL HORIZ 13 IN X 64 IN TBL	~~211349~~	C30 D06	30
GRINDER OSC SURF 8 IN X 24 IN TBL	~~41554~~	C30 D06	30
PHILLIPS STILL	~~44172~~	C30 E10-11	30
PLATEN PRESS 300 DEG F 150 TON	~~44445~~	C10 B9	30
COOLER, WALK-IN	~~45057~~	C10 B16	30
LATHE ENGINE 13 IN SW X 54 IN CC	~~5005~~	C30 D65	30
PUNCH PRESS 10" STR 200 TON	~~55286~~	C20 C15	30
STRAIGHT PRESS 75 TON 12" STROKE	~~56945~~	C30 D06	30
TORPEDO RUNWAY	*59357	C20 C17	30
CABINET BLAST CLEAN 5' X 5' X 5'	~~75~~	C30 E13	30
SURFACE PLATE	~~809~~	C30 E10	30
LAPPING MACHINE 24 IN DIA	~~920583~~	C E6	30
RABBIT EAR DRILL	~~RABDRIL~~	C	30
TER 1	~~TER-1~~	C20 W5	30
TER 2	~~TER-2~~	C20 X4	30
TER 3	~~TER-3~~	C20 W3	30
HYD TEST BENCH, SCHROEDER	*XXXXX	C20 C9	30

THE TOTAL NUMBER OF MACHINES IN COST CENTER 30 IS EQUAL TO 23

2

EQUIPMENT LIST FOR COST CENTER 90K

"D" Building

EQUIPMENT DESCRIPTION	NID NUMBERS	BUILDING/ COLUMN LOCATION	COST CENTER
BRAKE MECH 3/8" X 20 FT BREAK	*10239	D20 C6-7	90K
DRILL RADIAL 4 FT ARM 13 IN COLUMN	*105079	D30 E04	90K
DRILL 25" X 44" TBL 2.0" CAP 2 SPD	*106181	D10 C16	90K
ROLL MACH 24 IN RAD X 1" STL	*1299	D20 D12	90K
BRAKE MECH 1" X 10 FT BREAK	*15804	D20 D05	90K
MAGNAFLUX UNIT 3000 AMP	*15868	D30 E8-9	90K
SAW CONTOUR 36" THROAT X 13" HIGH	*15881	D20 D09	90K
ARC WELDER	~~1604~~	D30 D16	90K
ARC WELDER	~~1607~~	D10 C16	90K
ARC WELDER	~~1609~~	D20 D8	90K
ARC WELDER	~~1615~~	D10 C14	90K
ARC WELDER	~~1618~~	D10 C7	90K
ARC WELDER	~~1620~~	D10 C16	90K
ARC WELDER	~~1629~~	D30 E9	90K
ARC WELDER	~~1631~~	D10 B5	90K
ARC WELDER	~~1632~~	D10 C12	90K
ARC WELDER	~~1633~~	D10 C14	90K
ARC WELDER	~~1963~~	D10 B4	90K
ARC WELDER	~~1965~~	D10 B4	90K
ARC WELDER	~~1966~~	D10 C7	90K
ARC WELDER	*1975	D10 C18	90K
BUFFING MACHINE 12" DIA WH 3" BELT	*217	D30 E17	90K
NIBBLER	*2237	D20 D19	90K
BUFFING MACHINE 12" DIA WH 3" BELT	*2250	D30 D17	90K
BUFFING MACHINE 12" DIA WH 3" BELT	*2274	D30 D17	90K
BENDING BLOCK	*2702	D20 D12-13	90K
BENDING BLOCK	*2703	D20 C14	90K
ROLL 1 1/8 IN THICK X 10 FT WIDE	*2725	D20 D04	90K
WELDER SPOT RESIST 200 KV	*27636	D20 D12	90K
PUNCH PRESS 4" STR 70 TON	*313915	D20 D15	90K
DRILL 22" X 24" TBL 7/8" CAP 1 SPD	~~314~~	D10 C02	90K
LATHE ENGINE 10 IN SW X 26 IN CC	*315001	BLDG 74	90K
ARC WELDER 600 AMPS	*40144	D30 D13	90K
STRAIGHT PRESS 150 TON 18" STROKE	*40227	D20 C12	90K
WELDING POSITIONER 48 IN DIA CAP	*40250	D10 B06	90K
WELDING POSITIONER 48 IN DIA CAP	~~40255~~	D10 B5-6	90K
WELDING POSITIONER 48 IN DIA CAP	~~40261~~	D30 D14	90K
WELDING POSITIONER 48 IN DIA CAP	*40263	D30 E02	90K
WELDING POSITIONER 53 X 53 IN TBL	*40264	D30 D15	90K
WELDING POSITIONER 53 X 53 IN TBL	*40265	D10 B02	90K
PRESS BRAKE 3/8 IN X 6 FT BRAKE	*40266	D20 C09	90K
POSITIONER 48 IN DIA TBL 6000 CAP	*40295	D10 C18	90K
POSITIONER 48 IN DIA TBL 6000 CAP	*40296	D30 D5	90K
POSITIONER 48 IN DIA TBL 6000 CAP	~~40298~~	D20 D17	90K
POSITIONER 84 IN X 84 IN TABLE	*40353	D10 B03	90K
POSITIONER 84 IN SQ TBL 40000 CAP	*40380	D10 C01	90K
PUNCH PRESS 11 IN STROKE 45 TON	*40411	D20 D16	90K
STRAIGHT PRESS 1500 TON 86" STROKE	*40471	D10 B12-14	90K

EQUIPMENT LIST FOR COST CENTER 90K

EQUIPMENT DESCRIPTION	NID NUMBERS	BUILDING/ COLUMN LOCATION	COST CENTER
SCALE	*40644	D30 E16	90K
ARC WELDER 300 AMPS	~~40706~~	D4 LNT 0	90K
ARC WELDER 300 AMPS	*40707	D10 C07	90K
POSITIONER 36 IN DIA TBL 3000 CAP	*40781	D30 E06	90K
POSITIONER 24 IN DIA 1000# CAP	~~40800~~	D30 E13	90K
POSITIONER 24 IN CAP 1000# CAP	*40801	D20 D17	90K
✓ POSITIONER 48 IN DIA 1000# CAP	*40802	D20 D18	90K
LATHE ENGINE 16 IN SW X 102 IN CC	~~40816~~	D30 E04	90K
SHEAR MACH, 1/4 IN PL X 30 IN W	*40974	D20 D15	90K
ARC WELDER 300 AMPS	~~41021~~	D10 C12	90K
ARC WELDER 300 AMPS	~~41022~~	D20 D18	90K
ARC WELDER 300 AMPS	~~41026~~	D10 C06	90K
ARC WELDER 300 AMPS	~~41027~~	D4 LNT 0	90K
ARC WELDER 300 AMPS	~~41029~~	D10 C05	90K
ARC WELDER 300 AMPS	*41030	D30 D16	90K
ARC WELDER 300 AMPS	*41031	D30 E5	90K
ARC WELDER 300 AMPS	*41032	D30 D3-4	90K
FURNACE 48 IN X 72 IN X 60 IN	*41083	D30 D18	90K
ARC WELDER 300 AMPS	*41110	D4 LNT 0	90K
ARC WELDER 300 AMPS	*41113	D30 D1	90K
✓ OVEN, ELECT, 800 DEG F/WK CAR	*41184	D30 E19	90K
ARC WELDER 200 AMPS	*41211	D20 D08	90K
SAW CONTOUR 60" THROAT X 24" HIGH	*41238	D20 D10	90K
SAW CONTOUR 36" THROAT X 16" HIGH	*41239	D20 D09	90K
ROLL 8 GA THICK X 4 FT WIDE 3 HP	*41305	D20 C08	90K
BRAKE MECH 5/16 IN X 8 FT BRAKE	*41317	D20 C08	90K
PUNCH PRESS 15" THROAT 1/2" ST	*41349	D20 D14	90K
ARC WELDER 300 AMPS	*41357	D30 E13	90K
ARC WELDER 300 AMPS	*41359	D4 LNT 0	90K
BRAKE MECH 3/8 IN X 6 FT BRAKE	*41381	D20 C09	90K
✓ LATHE WELD 30 IN DIA X 72 IN CC	*41383	D30 D05	90K
PEDESTAL GRINDER	*414	D20 D7	90K
SHEAR 10 GA X 24" STOCK	*41429	D20 D3-4	90K
ARC WELDER 300 AMPS	*41430	D30 D15	90K
ARC WELDER 300 AMPS	*41431	D30 E4-5	90K
OVEN 24 IN X 24 IN IN DRY ROD	*41452	D30 D09	90K
SHEAR 12 GA X 48" STOCK	*41454	D20 D04	90K
ROLL 1/4 IN THICK X 12 FT 10 HP	*41469	D20 C08	90K
ROLL 1/2 IN THICK X 6 FT 20 HP	*41480	D20 D04	90K
ARC WELDER 300 AMPS	*41570	D30 D14	90K
SAW CONTOUR 36" THROAT	*42141	D20 D09	90K
WELDING POSITIONER 29 IN DIA TABLE	*42144	D30 E2-3	90K
✓ SURFACE PLATE	*42206	D	90K
ARC WELDER 300 AMPS	*42223	D10 C2S	90K
ARC WELDER 300 AMP	*42226	D20 C04	90K
ARC WELDER 300 AMPS	*42227	D20 D16	90K
ARC WELDER 500 AMPS	*42261	D30 E14	90K
ARC WELDER 500 AMPS	*42262	D30 D02	90K

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EQUIPMENT LIST FOR COST CENTER 90K

EQUIPMENT DESCRIPTION	NID NUMBERS	BUILDING/ COLUMN LOCATION	COST CENTER
ARC WELDER 500 AMPS	*42263	D30 E15	90K
ARC WELDER 500 AMPS	*42283	D30 D13	90K
ARC WELDER 500 AMPS	*42284	D10 B12	90K
ARC WELDER 500 AMPS	*42285	D20 D16	90K
ARC WELDER 300 AMPS	*42289	D30 C2-3	90K
ARC WELDER 500 AMPS	*42290	D30 D18	90K
ROLL 42" SIDE 24 GA 2" ROLL 1/3 h	*42296	D20 C07	90K
PEDESTAL GRINDER	*4277	D10 C16	90K
ARC WELDER 500 AMPS	*42806	D20 D17	90K
ROLL ANGLE AND CHANNEL 48 IN LONG	*42836	D10 C19	90K
ARC WELDER 300 AMPS	*42838	D30 D16	90K
SHEAR 3/8 IN THK X 168" WIDE CAP	*42844	D30 D3	90K
ROLL 1/4 IN THICK X 6 FT WIDE	*42859	D20 C08	90K
ARC WELDER 500 AMPS	*42873	D4 LNT 0	90K
ARC WELDER 500 AMPS	*42874	D20 D18	90K
ARC WELDER 500 AMPS	*42878	D10 C12	90K
ARC WELDER 500 AMPS	*42879	D30 E02	90K
ARC WELDER 500 AMPS	*42881	D10 C12	90K
ARC WELDER 500 AMPS	*42882	D10 B06	90K
WELD ELECT BEAM 24" X 22" CHAMBER	*42892	D30 D09	90K
WELDING POSITIONER 44 IN DIA TABLE	*42896	D30 E5	90K
ARC WELDER 400 AMPS	*42903	D10 C14	90K
WELDER SPOT RESIST 150 KVA	*42912	D30 E06	90K
STRAIGHT PRESS 150 TON 18" STROKE	*42913	D20 C13	90K
DRILL RADIAL 4 FT ARM 13 IN COLUMN	*42971	D10 E16	90K
FINISHING MACH TUBE & ROD END	*42977	BLDG 74	90K
WELD ELECT BEAM 54" X 50" CHAMBER	*43313	D30 D10	90K
BURNER GAS CUTTING 96IN X 60IN TBL	*43324	D20 C03	90K
PUNCH PRESS N/C 6" DIA 10 GAGE CAP	*43358	D20 C15	90K
SAW SPLITTER 5 IN THK 12 IN SQUARE	*43369	D20 D09	90K
POWER UNIT	*43479	D10 B18	90K
ARC WELDER 300 AMPS	*44067	D10 C07	90K
ROLL 1/4 IN THICK X 48 IN WIDE	*44095	D20 D06	90K
ARC WELDER 300 AMPS	*44109	D30 E04	90K
ARC WELDER 300 AMPS	*44110	D10 B04	90K
ARC WELDER 500 AMPS	*44215	D LNTO	90K
ARC WELDER 300 AMPS	*44233	D30 C04	90K
ARC WELDER 500 AMPS	*44307	D30 D5	90K
SAW RADIAL ARM	*44386	D30 D11	90K
WELDING MACHINE, AUTOMATIC TIG	*44447	D SD05	90K
ROLL 1/2 IN THICK X 96 IN WIDE	*44622	D20 C11	90K
ARBOR PRESS 3 TON CAP 20" DIA WORK	*44623	D20 D14	90K
ARC WELDER 300 AMPS	*44637	D4 LNT 0	90K
ARC WELDER 300 AMPS	*44638	D30 E15	90K
PUNCHING MACH LASER CO2	*45046	D20 C17	90K
SAW, BAND, AUTO POWER 16" DIA WORK	*45073	D30 D11	90K
ARC WELDER 300 AMPS	*45442	D10 C5-6	90K
WELDER, MIG, 700 AMP	*45448	D10 C4	90K

EQUIPMENT LIST FOR COST CENTER 90K

EQUIPMENT DESCRIPTION	NID NUMBERS	BUILDING/ COLUMN LOCATION	COST CENTER
PRESS BRAKE 5/16 IN X 10 FT PLATE	*45473	D20 C09	90K
500 GALLON OXYGEN TANK	*45880	BLDG 74 WEST	90K
500 GALLON ARGON TANK	*45882	D OUTSIDE N.E.	90K
500 GALLON NITROGEN TANK	*45887	D D4	90K
COLD SAWING MACHINE	*45976	D30 D11	90K
PIRANHA IRON WORKER	*46204	D30 D11	90K
GULLCO PLATE BEVELER	*46211	D30 D17	90K
PLASMA ARC MACH/BURN BED,15'x23'x12"	*46220	D20 C17	90K
DEBURRING MACHINE, AEM	*46221	D30 D18	90K
WELDING POSITIONER	*51205	D30 D7-8	90K
WELDING POSITIONER	*51206	D30 E1	90K
BRAKE, CNC 8'-0"	*57228	D20 C09	90K
STRAIGHT PRESS 75 TON 12" STROKE	*57674	D20 C13	90K
FURNACE 36 IN X 54 IN X 30 IN	*57963	D30 D06	90K
WELDER MANIPULATOR	*58509	D30 E6	90K
STRAIGHT PRESS 50 TON 30" STROKE	*6525	D20 C13	90K
WELDER SPOT RESIST 18 IN THK 50KV	*671	D30 E07	90K
SHEAR 9/32 IN X 48 IN THROAT	*6731	D20 C19	90K
ROLL ANGLE AND CHANNEL 3 IN ANGLE	*6853	D10 C19	90K
SAW ABR WHEEL 2.5 IN DIA WK THICK	*7067	BLDG 74	90K
SHEAR 1 IN X 120 IN PLATE	*7486	D20 D03	90K
ARBOR PRESS, 12 TON CAP, 20"DIA WK	*803936	D20 C11-12	90K
SHEAR 1/2 IN X 24 IN STEEL	*8942	D20 C07	90K
GRIT BLAST	*GRIT BLAST	D	90K
MK75 STAND (MK13 WELD POSITIONER)	*MK75 TEST 6	D10 B17-18	90K
STRESS FURNACE	*STRESS FURNACE	D	90K
X-RAY AREA	*XRAY	D10 A19	90K
ZERO BLAST	*ZERO BLAST	D30 F17	90K
LASER WELDER	*048923		

THE TOTAL NUMBER OF MACHINES IN COST CENTER 90K IS EQUAL TO ~~172~~ 173

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EQUIPMENT LIST FOR COST CENTER 90H

F Building

EQUIPMENT DESCRIPTION	NID NUMBERS	BUILDING/ COLUMN LOCATION	COST CENTER
GRINDER TOOL 10 IN SW X 27 IN CTRS	~~107853~~	F50 B17	90H
GRINDER TOOL 10 IN SW X 37 IN CTRS	~~108870~~	F50 B16	90H
GRINDER TOOL 10 IN SW X 27 IN CTRS	~~110034~~	F50 B11	90H
DRILL RADIAL 6 FT ARM 17 IN COLUMN	*110201	F50 A04	90H
LATHE ENGINE 12 IN SW X 20 IN CC	~~1111~~	F50 A08	90H
GRINDER CYLIND 10 IN SW X 24 IN CC	~~1143~~	F50 A20	90H
COMPARATOR 14 IN DIA 5 IN TBL TRVL	*11966	F50 B16	90H
MILL VERTICAL 9 IN X 42 IN TBL	*11992	F50 B08	90H
COMPARATOR 14 IN DIA 4 X 18 IN TBL	*12112	F50 A16	90H
COMPARATOR 14 IN DIA 4 X 18 IN TBL	*12113	F50 A20	90H
COMPARATOR 14 IN DIA 4 X 18 IN TBL	*12114	F50 B16	90H
MILL VERTICAL 14 IN X 65 IN TBL	~~12609~~	F10 A03	90H
MILL VERTICAL 12 IN X 56 IN TBL	~~12610~~	F10 A02	90H
LAPPING MACHINE 4" DIA ROLLS	*15703	F GARM	90H
UNIVERSAL HOB CUTTER MEASURING MACH	*15713		90H
GRINDER OSC SURF 8 IN X 24 IN TBL	~~15766~~	F50 A18	90H
UTILITY GRINDER	*15814	F5 B4	90H
GRINDER TOOL	~~15839~~	F50 A21	90H
GEAR CHECKER .001 IN CAP	*15840	F50 A21	90H
GRINDER OSC SURF 5 IN X 12 IN TBL	~~15845~~	F50 A19	90H
GRINDER TOOL / CUTTER	~~15867~~	F50 A02	90H
GEAR CUTTER 10 IN DIA X 12 IN FACE	~~15872~~	F10 B18	90H
GRINDER OSC SURF 5 IN X 12 IN TBL	~~17739~~	F50 A19	90H
LEE SURFACE GRINDER	*17746	F5 A15	90H
GRINDER TOOL / CUTTER	*20029	F50 B17	90H
GRINDER TOOL / CUTTER	*20030	F50 B18	90H
GRINDER TOOL / CUTTER	*20031	F50 B17	90H
GRINDER TOOL / CUTTER	~~20032~~	F50 B17	90H
JIG BORE 9 IN DR 22 IN X 44 IN TBL	*2816	F50 B07	90H
JIG BORE 1 IN DR 15 IN X 20 IN TBL	*2827	F50 B07	90H
JIG BORE 2 IN DR 23 IN X 27 IN TBL	*2839	F50 B07	90H
JIG BORE 2 IN DR 33 IN X 43 IN TBL	*2843	F50 B07	90H
LATHE ENGINE 20 IN SW X 96 IN CC	~~311040~~	F10 B03	90H
MILL ENGRAVER 8 IN X 12 IN TBL	*312649	F30 E7	90H
SAW POWER C/O ABRASIVE 3.5 IN CAP	*3290	F50 A17	90H
GRINDER TOOL \ CUTTER	~~3585~~	F50 B17	90H
FURNACE	*3942	F5 A13	90H
GRINDER TOOL / CUTTER	*40012	F50 A20	90H
GRINDER TOOL \ CUTTER	*40321	F50 A19	90H
GRINDER TOOL	*40326	F50 A16	90H
SHAPER VERTICAL 20 INCH ROTARY TBL	*40359	F50 B04	90H
GRINDER HOB SHARPENER 6 X 7 IN	*40412	F50 B18	90H
GRINDER OSC SURF 14 IN X 72 IN TBL	*40490	F10 B12	90H
LATHE ENGINE 25 IN SW X 72 IN CC	*40498	F50 B03	90H
UTILITY GRINDER	*40536	F5 B2	90H
GRINDER TOOL TAP 5/8 CAP	*40565	F50 A15	90H
LATHE ENGINE 18 IN SW X 54 IN CC	*40568	F50 B04	90H
TOOL GRINDER, PEDESTAL	*40570	F5 16A	90H

EQUIPMENT LIST FOR COST CENTER 90H

EQUIPMENT DESCRIPTION	NID NUMBERS	BUILDING/ COLUMN LOCATION	COST CENTE
GRINDER INT 18 IN SW X 14 IN DP	*40603	F50 A20	90H
LATHE ENGINE 11 IN SW X 18 IN CC	*40624	F50 A06	90H
DRILL 10" X 10" TBL 1/2" CAP	*40832	F50 A15	90H
JIG BORE 3 IN DR 36 IN X 96 IN TBL	*40956	F50 B05	90H
GRINDER TOOL 1" CAP 3" WHEEL	*41188	F50 A17	90H
CLEANER ELECTROLYTIC 6 IN DIA WHL	*41189	F50 A17	90H
SAW CONTOUR 36" THROAT X 13" HIGH	*41299	F50 A10	90H
GRINDER JIG 18 IN X 11 IN TBL	*41347	F50 B19	90H
DRILL 21" X 36" TBL 1.0" CAP 2 SPD	*41365	F50 A09	90H
DRILL 21" X 36" TBL 1.0" CAP 2 SPD	*41366	F50 A09	90H
GRINDER CYLIND 14 IN SW X 72 IN CC	*41442	F50 A20	90H
GRINDER TOOL 8" SW X 15" CTRS	*41522	F50 A15	90H
GRINDER INT 6 IN DIA X 42 IN LG	*42165	F50 A20	90H
GRINDER TOOL \ CUTTER	*4218	F50 B17	90H
GRINDER TOOL 8" SW X 24" CC	*42212	F50 A20	90H
COMPARATOR 30 IN DIA 8 IN TBL TRVL	*42215	F50 A19	90H
GRINDER OSC SURF 10 IN X 24 IN TBL	*42279	F50 A18	90H
GRINDER OSC SURF 6 IN X 14 IN TBL	*42280	F50 A18	90H
JIG BORE 2 IN DR 32 IN X 39 IN TBL	*423	F10 B06	90H
GRINDER TOOL 14" WH 9" X 22" TBL	*42821	F50 A17	90H
GRINDER CYLIND 10 IN SW X 24 IN CC	*42920	F50 A19	90H
GRINDER ROT SURF 36 IN DIA TBL	*42929	F10 B18	90H
GRINDER ROT SURF 42 IN DIA TBL	*42930	F10 B13	90H
GRINDER OSC SURF 6 IN X 36 IN TBL	*42943	F50 A17	90H
GRINDER OSC SURF 8 IN X 24 IN TBL	*42958	F50 A18	90H
GRINDER ROT SURF 42 IN DIA TBL	*42965	F10 C13	90H
ELECT DISCHARGE MACH 12 IN X 20 IN	*42967	F50 A14	90H
MILL VERTICAL 10 IN X 40 IN TBL	*42968	F50 A04	90H
SELLERS DRILL GRINDER	*4310	F5 A15	90H
GRINDER TOOL TAP 1" CAP	*4313	F50 B15	90H
GRINDER JIG N/C 18 IN X 11 IN TBL	*43335	F50 B19	90H
GRINDER TOOL 1/2 IN CAP DR GRINDER	*43361	F50 A15	90H
MILL VERTICAL 9 IN X 48 IN TBL	*43384	F50 A05	90H
GRINDER THREAD 9" SW X 24" CC	*43388	F50 B15	90H
OVEN	*43413	F5 B07	90H
GRINDER ROT SURF 36 IN DIA TBL	*43415	F10 B14	90H
SAW POWER CUTOFF 15" X 17" RECT	*43499	F50 B05	90H
GRINDER OSC SURF 5 IN X 12 IN TBL	*44261	F50 A20	90H
GRINDER TOOL \ CUTTER	*44275	F50 A15	90H
GRINDER OSC SURF 8 IN X 24 IN TBL	*44404	F50 A18	90H
VAPOR BLASTER	*45047	F50 A14	90H
MILL VERTICAL 9 IN X 42 IN TBL	*45064	F20 B08	90H
MILL VERTICAL 9 IN X 42 IN TBL	*45065	F50 A05	90H
HEAT TREAT FURNACE	*45901	F50 A13	90H
MILL VERTICAL 10 IN X 35 IN TBL	*45910	F50 A02	90H
MILL VERTICAL 9 IN X 42 IN TBL	*45911	F50 A04	90H
MILL VERTICAL 9 IN X 42 IN TBL	*45912	F50 A05	90H
MILL VERTICAL 9 IN X 42 IN TBL	*45913	F50 B08	90H

EQUIPMENT LIST FOR COST CENTER 90H

EQUIPMENT DESCRIPTION	NID NUMBERS	BUILDING/ COLUMN LOCATION	COST CENTER
CNC GRINDER CUTTER	* 45971	F5 B14	90H
ELECTRICAL DISCHARGE MACHINE	* 45973	F5 A14	90H
ELECTRICAL DISCHARGE MACHINE	* 45974	F5 B10	90H
LATHE TOOL	* 45979	F5 A6	90H
LATHE TOOL	* 45980	F5 B8	90H
LATHE TOOL	* 46201	F5 B3	90H
GRINDER	* 46209	F5 A19	90H
GRINDER	* 46210	F5 B16	90H
MONARCH LATHE	* 46215	F5 B2	90H
MONARCH LATHE	* 46215	F5 B3	90H
MONARCH LATHE	* 46216	F5 B3	90H
MONARCH LATHE	* 46216	F5 B4	90H
LATHE ENGINE 10 IN SW X 20 IN CC	~~5011~~	F50 B04	90H
LATHE ENGINE 10 IN SW X 20 IN CC	~~5014~~	F50 A08	90H
GRINDER TOOL 10 IN SW X 27 IN CTRS	* 51858	F50 B17	90H
GRINDER TOOL 10 IN SW X 27 IN CTRS	* 51859	F50 B18	90H
LATHE ENGINE 12 IN SW X 30 IN CC	~~5194~~	F50 B03	90H
JIG BORE 2 IN DR 33 IN X 43 IN TBL	* 5910	F50 B06	90H
MILL UNIVERSAL 12 IN X 34 IN TBL	~~5925~~	F50 A04	90H
MILL UNIVERSAL 13 IN X 64 IN TBL	~~5935~~	F50 A03	90H
MILL VERTICAL 14 IN X 34 IN TBL	~~5951~~	F50 A03	90H
DO ALL BAND SAW	* 7063	F5 A10	90H
TOOL LATHE	* 807216	F50 A14	90H
GRINDER,HOB,6" DIA WORK,20"LG	* 9236	F50 B08	90H
UTILITY GRINDER	~~995~~	F5 A16	90H

THE TOTAL NUMBER OF MACHINES IN COST CENTER 90H IS EQUAL TO 121

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EQUIPMENT LIST FOR COST CENTER 90G

"F" BUILDING

EQUIPMENT DESCRIPTION	NTD NUMBERS	BUILDING/ COLUMN LOCATION	COST CENTER
DRILL RADIAL 4 FT ARM 13 IN COLUMN	*105076	F20 D09	90G
✓ GRINDER JIG 18 IN X 11 IN TBL	*10618	F10 C15	90G
DRILL RADIAL 5 FT ARM 13 IN COLUMN	*107274	F20 D09	90G
GRINDER TOOL 10 IN SW X 27 IN CTRS	*108968	F50 B16	90G
GRINDER TOOL 10 IN SW X 27 IN CTRS	*110035	F5 B17	90G
DRILL 22" X 82" TBL 7/8" CAP 6 SPD	~~110047~~	F20 C10	90G
LATHE TURRET 60" SW X 56" TBL	*116140	F30 D02	90G
COMPARATOR 30 IN DIA 32 X 8.5 IN T	*11869	F20 C6	90G
/ GEAR TESTER 6.75 IN DIA, BEVEL TYP	*12100	F10 C20	90G
/ GEAR HOB TESTER 20 IN D 28 IN FACE	*12110	F10 C20	90G
N/C MILL VERT 30 IN X 48 IN X 15 I	*12181	F20 D06	90G
TAPPER 5/8 IN TAP 2.25 IN STROKE	~~125~~	F20 C09	90G
DRILL 22" X 46" TBL 7/8" CAP S SPD	~~12631~~	F20 C11	90G
DRILL 22" X 46" TBL 7/8" CAP 2 SPD	*12632	F20 C11	90G
DRILL 22" X 46" TBL 7/8" CAP 2 SPD	~~12633~~	F20 C10	90G
DRILL 22" X 46" TBL 7/8" CAP 2 SPD	~~12634~~	F20 C11	90G
SURFACE PLATE 48 IN X 96 IN TBL	*1424	F5 B15	90G
/ SURFACE PLATE 60 IN X 144 IN TBL	*15185	F5 A6	90G
HONE VERT 29 IN DIA X 8 IN STROKE	~~15702~~	F10 B09	90G
/ GEAR HOBBER 16" DIA 11" FACE WIDTH	*15717	F10 B19	90G
✓ GEAR CUTTER 4.5" DIA X 7/16" FACE	*15776	F50 A20	90G
GRINDER CYLIND 3 IN SW X 18 IN CC	~~15827~~	F10 B16	90G
GRINDER CYLIND 3 IN SW X 18 IN CC	~~15828~~	F10 B16	90G
/ GEAR CUTTER 24 DIA X 3.5 IN FACE	*15843	F10 C19	90G
/ GEAR HOBBER 12" DIA 6" FACE WIDTH	*15857	F10 B19	90G
/ GEAR CUTTER 4.5" DIA X 7/16" FACE	*15861	F10 C20	90G
/ GEAR HOBBER 36" DIA 15" FACE WIDTH	*15871	F10 C18	90G
COMPARATOR 30 IN DIA 8 IN TBL TRAV	*15873	F50 B15	90G
SHAPER VERTICAL 24 INCH ROTARY TBL	~~15879~~	F10 B08	90G
SHAPER VERTICAL 24 INCH ROTARY TBL	~~15880~~	F10 B08	90G
BOREMATIC 12" STROKE 2 SPDL 25" TT	*171	F30 E04	90G
/ GEAR SHAPER 12"	*17148	F20 C20	90G
/ GEAR HOBBER 6" DIA 16" FACE WIDTH	*17311	F20 C20	90G
GRINDER CENTERLESS 3" DIA X 10' LG	~~17726~~	F10 C14	90G
GRINDER CENTERLESS 3" DIA X 6' LG	~~17731~~	F10 B14	90G
GRINDER CYLIND 14 IN SW X 48 IN CC	~~17734~~	F10 C10	90G
GRINDER CYLIND 14 IN SW X 48 IN CC	~~17749~~	F10 C10	90G
GRINDER CYLIND 14 IN SW X 48 IN CC	~~17755~~	F10 B11	90G
GRINDER CYLIND 14 IN SW X 72 IN CC	~~17784~~	F10 C11	90G
GRINDER CYLIND 6 IN SW X 30 IN CC	~~17789~~	F10 C16	90G
JIG BORE 2 IN DR 23 IN X 27 IN TBL	*17880	F30 E05	90G
/ SURFACE PLATE 48 IN X 72 IN TBL	*1830	F50 B15	90G
SURFACE PLATE 48 IN X 72 IN TBL	*1831	F10 C16	90G
PRESS HYDR 10 TON 9IN STROKE 60IN	*197	F U15	90G
/ GEAR HOBBER 12" DIA 12" FACE WIDTH	*2062	F10 B18	90G
LATHE TURRET AUTO 1.5 INCH BAR CAP	~~210~~	F30 D19	90G
N/C K-T MODEL 3 44" HORIZ 50" Z	*2507	F30 E04	90G
BOREMATIC SGL HEAD 10 IN DIA BORE	*2828	F30 E05	90G

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EQUIPMENT LIST FOR COST CENTER 90G

	EQUIPMENT DESCRIPTION	NTD NUMBERS	BUILDING/ COLUMN LOCATION	COST CENTER
✓	BOREMATIC SGL HEAD 8 IN DIA BORE	*2829	F30 E05	90G
	JIG BORE 2 IN DR 23 IN X 27 IN TBL	*2840	F30 E05	90G
✓	BROACH 64 IN STROKE 2.75" DIA 25 T	*2901	F10 B06	90G
✓	BROACH 66 IN STROKE 2" DIA 15 TON	*2902	F10 B04	90G
✓	GRINDER JIG 16 IN X 10 IN TBL	*296	F10 C15	90G
	GRINDER JIG 16 IN X 10 IN TBL	*297	F10 C15	90G
	JIG BORE 2 IN DR 23 IN X 27 IN TBL	*310573	F30 E06	90G
	DRILL 22" X 44" TBL 7/8" CAP 1 SPD	~~310583~~	F	90G
	DRILL 22" X 44" TBL 7/8" CAP 1 SPD	~~310584~~	F20 C10	90G
	MILL VERTICAL 10 IN X 35 IN TBL	*310963	F10 B03	90G
	LATHE ENGINE 20 IN SW X 95 IN CC	*311046	F30 E19	90G
	MILL HORIZ 13 IN X 64 IN TBL	~~311210~~	F10 B08	90G
	GRINDER INT 16 IN SW X 8 IN DP	~~312617~~	F10 C17	90G
	GRINDER TOOL/CUTTER	*312700	F50 B16	90G
	MILL VERT BORING 45" SW X 42" TBL	*313044	F30 D03	90G
	SCREW MACHINE AUTO 1.5 IN BAR CAP	*313077	F20 D18	90G
✓	THREAD ROLL .25 IN TO 2.625 IN DIA	*314027	F20 D18	90G
	JIG BORE 4 IN DR 33 IN X 43 IN TBL	*314670	F30 D06	90G
	LATHE ENGINE 16 IN SW X 54 IN CC	*333	F20 D17	90G
✓	MEASURING MACH 18 IN THREAD LGTH	*367	F5 GAGE ROOM	90G
	LATHE ENGINE 30 IN SW X 168 IN CC	*40015	F30 D14	90G
✓	GEAR CUTTER HYPOID 8" DIA 1" FACE	*40020	F10 B19	90G
	LATHE ENGINE 32 IN SW X 180 IN CC	*40026	F30 D13	90G
	LATHE ENGINE 18 IN SW X 78 IN CC	~~40074~~	F20 D16	90G
✓	COMPARATOR 30 IN DIA	*40115	F10 C17	90G
	SAW CONTOUR 26" THROAT X 13" HIGH	*40120	F10 B03	90G
✓	COMPARATOR 30 IN SCREEN 8 IN TT	*40126	F	90G
	DRILL 14" X 22" TBL 1" CAP 1 SPDL	*40132	F20 C12	90G
	DRILL 22" X 46" TBL 1" CAP 2 SPDL	*40133	F20 C10	90G
✓	GRINDER CYLIND 18 IN SW X 72 IN CC	*40141	F10 C12	90G
✓	GRINDER SPUR/HELIC GEAR (MAAG) 601	*40152	F10 B22	90G
	MILL UNIVERSAL 18 IN X 78 IN TBL	*40155	F10 C05	90G
	MILL VERTICAL 18 IN X 80 IN TBL	*40156	F10 C04	90G
	MILL VERTICAL 16 IN X 65 IN TBL	*40166	F10 C08	90G
	MILL VERTICAL 16 IN X 65 IN TBL	*40167	F10 B05	90G
	MILL VERTICAL 16 IN X 65 IN TBL	*40168	F10 B05	90G
	GRINDER JIG 16 IN X 10 IN TBL	*40171	F10 C15	90G
	LATHE ENGINE 25 IN SW X 72 IN CC	~~40181~~	F20 D16	90G
	LATHE ENGINE 25 IN SW X 72 IN CC	*40182	F30 D13	90G
	MILL VERT HYDROTEL 30" TT	*40187	F10 B06	90G
✓	MILL THREAD 12 IN DIA X 54 IN CC	*40188	F10 C19	90G
✓	LAPPING CYLIND 10 IN DIA X 60 IN L	*40203	F10 B15	90G
	LAPPING CYLIND 10 IN DIA X 60 IN L	*40205	F10 B18	90G
✓	GEAR HOBBER 16" DIA 56" FACE WIDTH	*40210	F10 B20	90G
	DRILL RADIAL 4 FT ARM 13 IN COLUMN	*40224	F20 D09	90G
	JIG MILL 3 IN DR 48 IN X 30 IN TBL	*40226	F30 D04	90G
✓	GEAR SHAPER 120 IN DIA X 8 IN FACE	*40243	F W21	90G
	LATHE ENGINE 16 IN SW X 54 IN CC	~~40270~~	F20 D16	90G

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EQUIPMENT LIST FOR COST CENTER 90G

EQUIPMENT DESCRIPTION	NID NUMBERS	BUILDING/ COLUMN LOCATION	COST CENTER
✓ HONE VERT .060 TO 6 INCHES IN DIA	*402782	F10 C09	90G
LATHE ENGINE 16 IN SW X 54 IN CC	~~40280~~	F20 D18	90G
LATHE ENGINE 16 IN SW X 54 IN CC	~~40281~~	F20 D18	90G
LATHE ENGINE 16 IN SW X 54 IN CC	~~40282~~	F20 D17	90G
LATHE ENGINE 24 IN SW X 78 IN CC	~~40290~~	F20 D17	90G
LATHE ENGINE 24 IN SW X 78 IN CC	~~40291~~	F20 D18	90G
MILL VERT BORING 26 IN TBL	*40320	F30 D02	90G
DRILL 18" X 28" TBL 1.0 CAP	*40344	F20 C11	90G
DRILL 18" X 28" TBL 1.0 CAP	*40345	F20 C11	90G
LATHE ENGINE 20 IN SW X 54 IN CC	*40348	F20 D16	90G
LATHE ENGINE 20 IN SW X 54 IN CC	*40349	F20 D17	90G
MILL VERT HYDROTEL 30" TT	*40377	F10 B07	90G
MILL UNIV 20" X 86" TBL, 42" TT	*40379	F10 B08	90G
✓ HONE,VERT,INT,4 IN DIA, 40 IN STR	*40409	F10 B09	90G
JIG BORE 2 IN DR 23 IN X 27 IN TBL	*40467	F30 E06	90G
MILL VERTICAL 18 IN X 72 IN TBL	*40468	F10 B03	90G
MILL VERTICAL 18 IN X 72 IN TBL	*40588	F10 C05	90G
LATHE TURRET 1.0" BAR CAP X 21" SW	*40593	F20 D19	90G
MILL VERTICAL 10 IN X 42 IN TBL	*40604	F10 B03	90G
MILL VERTICAL 10 IN X 42 IN TBL	*40605	F10 C02	90G
LATHE ENGINE 18 IN SW X 54 IN CC	*40606	F30 D15	90G
MILL VERTICAL 9 IN X 30 IN TBL	*40607	F10 B04	90G
LATHE TURRET AUTO 4.5 INCH BAR CAP	~~40613~~	F30 D21	90G
LATHE TURRET 4.5" BAR CAP X 21" SW	*40614	F30 D21	90G
LATHE ENGINE 11 IN SW X 18 IN CC	*40623	F30 E16	90G
✓ COMPARATOR 1/4 TO 3 IN STROKE	*40668	F4 LNT 0	90G
✓ JIG MILL 3 IN DR 48 IN X 30 IN TBL	*40673	F30 D04	90G
DISCHG MACH ELOX 18 IN TT	*40803	F	90G
✓ COMPARATOR 30 IN DIA 5 IN TBL TRVL	*40812	F20 C06	90G
✓ GEAR SHAPER 36 IN DIA X 6 IN FACE	*40874	F10 B19	90G
✓ GRINDER SPUR/HELIC GEAR 32 IN DIA	*40875	F10 C20	90G
JIG BORE 2 IN DR 33 IN X 43 IN TBL	*40933	F30 D06	90G
LATHE, BORING 24 IN SW X 13 FT LG	*40955	F30 E08	90G
✓ MEASURING MACH 20 IN X 72 IN	*41069	F20 C20	90G
GRINDER OSC SURF 5 IN X 12 IN TBL	*41201	F10 C14	90G
LATHE TURRET AUTO 3.0 INCH BAR CAP	*41202	F30 D19	90G
DISINTEGRATOR METAL 21" X 24" TBL	*41208	F20 C12	90G
SCREW MACHINE AUTO 3.0 IN BAR CAP	*41243	F30 D18	90G
GRINDER CENTERLESS 3" DIA X 3' LG	*41295	F10 C14	90G
DRILL 10" X 18" TBL 3/8 CAP 1 SPDL	*41307	F20 C02	90G
DRILL 10" X 26" TBL 3/8" CAP 1 SPD	*41319	F20 C12	90G
LATHE TURRET 6.0" BAR CAP X 22" SW	*41322	F20 D20	90G
✓ GRINDER THREAD 12" SW X 45" CC	*41326	F10 C14	90G
✓ MEASURING MACH 34 IN X 21 IN TBL	*41354	F4 LNT 0	90G
GRINDER CENTERLESS 5" DIA X 43" LG	*41364	F10 B15	90G
GRINDER THREAD 12" DIA X 45" CC	*41434	F10 B14	90G
✓ MEASURING MACH 80 IN CAP	*41466	F5 S. LAB	90G
DRILL 18" X 28" TBL 3/4" CAP 1 SPD	*41502	F20 D18	90G

EQUIPMENT LIST FOR COST CENTER 90G

EQUIPMENT DESCRIPTION	NID NUMBERS	BUILDING/ COLUMN LOCATION	COST CENTER
SCREW MACHINE AUTO 3/4 IN BAR CAP	*41555	F20 D18	90G
PRESETTING DEVLETG 12 IN X 24 IN	*41577	F20 C06	90G
GRINDER CYLIND 14 IN SW X 72 IN CC	*41578	F10 B12	90G
GRINDER CYLIND 14 IN SW X 48 IN CC	*41579	F10 C10	90G
GRINDER CYLIND 14 IN SW X 48 IN CC	*41580	F10 C11	90G
GRINDER CYLIND 10 IN SW X 24 IN CC	*41581	F10 B16	90G
N/C MILL MILW-MAT EB 16 IN DIA TBL	*42057	F20 C03	90G
SURFACE PLATE 72 IN X 48 IN TBL	*42058	F5 S. LNT 0	90G
GRINDER CENTERLESS 3" DIA X 10" LG	*42142	F10 B14	90G
LATHE TURRET AUTO 3.0 INCH BAR CAP	*42145	F30 D19	90G
GRINDER OSC SURF 12 IN X 36 IN TBL	*42160	F10 B17	90G
GRINDER OSC SURF 8 IN X 24 IN TBL	*42161	F10 B17	90G
GRINDER OSC SURF 8 IN X 24 IN TBL	*42162	F10 B17	90G
GRINDER OSC SURF 8 IN X 24 IN TBL	*42163	F10 B17	90G
GRINDER INT 24 IN SW X 12 IN DP	*42167	F10 C18	90G
LATHE ENGINE 11 IN SW X 18 IN CC	*42194	F30 E17	90G
SURFACE PLATE 48 IN X 96 IN TBL	*42205	F5 A7	90G
SURFACE PLATE 48 IN X 96 IN TBL	*42207	F5 A7	90G
LATHE ENGINE 16 IN SW X 72 IN CC	*42208	F30 E18	90G
GRINDER THREAD 6" DIA THREAD	*42222	F10 B14	90G
LATHE TURRET 2.5" BAR CAP X 21" SW	*42237	F30 D20	90G
N/C MILL MILW-MAT EB 16 IN DIA TBL	*42266	F20 C05	90G
GRINDER OSC SURF 8 IN X 24 IN TBL	*42800	F10 B17	90G
GRINDER OSC SURF 8 IN X 24 IN TBL	*42801	F10 B16	90G
GRINDER OSC SURF 8 IN X 24 IN TBL	*42803	F10 B18	90G
GRINDER OSC SURF 8 IN X 24 IN TBL	*42804	F10 B16	90G
HONE HORZ 1-1/32 IN DIA	*42808	F10 C9	90G
GEAR MEAS MACH 24 IN DIA X 30 IN CC	*42809	F10 B20	90G
GEAR MEAS MACH 24 IN DIA X 30 IN CC	*42810	F10 B20	90G
GEAR CHARTER	*42811	F10 B20	90G
LATHE ENGINE 18 IN SW X 54 IN CC	*42816	F50 B04	90G
LATHE ENGINE 11 IN SW X 18 IN CC	*42819	F30 E17	90G
MILL VERTICAL 12 IN X 56 IN TBL	*42825	F50 A04	90G
LATHE ENGINE N/C 20" SW X 54" CC	*42839	F20 C17	90G
BLOHM WET GRINDER	*4284	F30 D18	90G
LATHE ENGINE N/C 20" SW X 54" CC	*42840	F20 C18	90G
GRINDER INT 30 IN SW X 17 IN DP	*42847	F10 C17	90G
GRINDER JIG 18 IN X 11 IN TBL	*42884	F10 C15	90G
GRINDER OSC SURF 12 IN X 24 IN TBL	*42890	F10 B17	90G
GRINDER OSC SURF 12 IN X 36 IN TBL	*42891	F10 B16	90G
N/C MILL MILW-MAT EB X-Y-Z AXES	*42900	F20 C02	90G
GEAR MEAS INST 24IN DIA X 36IN C	*42908	F10 C20	90G
MILL VERTICAL 17 IN X 80 IN TBL	*42910	F10 B07	90G
MILL VERTICAL 19 IN X 94 IN TBL	*42911	F10 B07	90G
N/C HEALD ACRACENTER 2-AXIS	*42919	F20 D11	90G
GRINDER OSC SURF 14 IN X 72 IN TBL	*42923	F10 B15	90G
MILL VERTICAL 20 IN X 94 IN TBL	*42927	F10 C04	90G
MILL UNIVERSAL 20 IN X 94 IN TBL	*42928	F10 B08	90G

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EQUIPMENT LIST FOR COST CENTER 90G

EQUIPMENT DESCRIPTION	NTD NUMBERS	BUILDING/ COLUMN LOCATION	COST CENTER
LATHE ENGINE 10 IN SW X 18 IN CC	*42955	F30 E17	90G
JIG BORE 2 IN DR 23 IN X 27 IN TBL	*42980	F30 E06	90G
GEAR SHAPER 24 IN GEAR DIA	*42982	F10 B21	90G
GRINDER CYLIND 12 IN SW X 48 IN CC	*42986	F10 C12	90G
JIG BORE 4 IN DR 27 IN X 36 IN TBL	*43300	F30 D06	90G
GEAR HOBBER 14" DIA 14" FACE WIDTH	*43301	F10 B21	90G
GRINDER SPUR/HELIC GEAR 11 IN DIA	*43307	F20 C21	90G
INTERFEROMETER	*43328	F10 B11	90G
DRILL RADIAL 4 FT ARM 13 IN COLUMN	*43336	F20 D09	90G
N/C HEALD ACRACENTER 2-AXIS	*43351	F20 D12	90G
WHEEL DRESSER	*43362	F10	90G
MEASURING MACH N/C 70 X 39 Y 27 Z	*43365	F10 B1	90G
VAPOR BLAST 30 IN X 30 IN X 26 IN	*43385	F30 B13	90G
PURIFIER OIL 40 GPM 300 GAL 10M	*43402	F10 B12	90G
PURIFIER OIL 40 GPM 300 GAL 10M	*43403	F20 D1	90G
PURIFIER OIL 40 GPM 300 GAL 10M	*43406	F10 B13	90G
TEST STAND OPTICAL ALIGNMENT	*43424	F30 D12	90G
COMPARATOR GAGE	*43438	F10 B15	90G
LAPPING MACHINE 24 IN DIA ROLLS	*43454	F20 C18	90G
K&T 200	*43456	F	90G
MILL UNIVERSAL 15 IN X 68 IN TABLE	*43457	F10 B06	90G
GRINDER CYLIND 10 IN SW X 24 IN CC	*43458	F10 C17	90G
GRINDER CYLIND 10 IN SW X 24 IN CC	*43459	F10 C18	90G
GRINDER INT 18 IN SW X 8 IN DP	*43460	F10 B16	90G
LATHE ENGINE 12 IN SW X 20 IN CC	*43461	F30 E16	90G
SURFACE PLATE 48 IN X 192 IN TBL	*43462	F30 D09	90G
MILL	*43495	F10 C7	90G
MILL HORIZ 18 IN X 72 IN TBL	*43498	F10 C7-8	90G
CALTESTER	*43989	F20 C14	90G
MILL HORIZ 12 IN X 34 IN TBL	*43996	F10 C03	90G
HONE HORZ 72 IN DIA X 27 IN STROKE	*43998	F20 C18	90G
MILL VERTICAL 16 IN X 72 IN TBL	*44008	F10 B03	90G
GEAR HOBBER 96" DIA 48" FACE WIDTH	*44023	F20 C19	90G
GRINDER THREAD 35" SW X 26" CC	*44036	F10 D10	90G
GRINDER CYLIND 14 IN SW X 72 IN CC	*44069	F10 C11	90G
MILL VERTICAL 18 IN X 72 IN TBL	*44075	F10 C06	90G
BORING MACH, JIG, N/C, 3 IN SPDL	*44076	F30 E06	90G
LATHE ENGINE 11 IN SW X 18 IN CC	*44114	F30 E17	90G
LATHE ENGINE 13 IN SW X 54 IN CC	*44123	F20 D17	90G
LATHE ENGINE 13 IN SW X 54 IN CC	*44125	F20 D17	90G
GRINDER GEAR 103 D 25IN ST 30 SL T	*44214	F20 C22	90G
MILL VERTICAL 16 IN X 42 IN TBL	*44218	F10 B02	90G
STRAIGHT PRESS 4 TON 12" STROKE	*44299	F30 D14	90G
CNC MILL 10" X 48" TBL 30" TT	*44304	F20 C08	90G
CNC MILL 10" X 48" TBL 30" TT	*44305	F20 C08	90G
CNC MILL 10" X 48" TBL 30" TT	*44306	F20 C08	90G
DISINTEGRATOR METAL 30" X 31" TBL	*44368	F X9	90G
GRIND MACH, TOOL & CUTTER	*44388	F50 A16	90G

EQUIPMENT LIST FOR COST CENTER 90G

EQUIPMENT DESCRIPTION	NID NUMBERS	BUILDING/ COLUMN LOCATION	COST CENTER
GRINDER OSC SURF 8 IN X 24 IN TBL	*44405	F10 B15	90G
N/C MACH CTR, VERT, 3 AXIS CONTOUR	*44448	F20 C02	90G
EDM 20" X 12" TBL 8" RAM STROKE	*44453	F30 D07	90G
N/C MACH CENTER 4 AXIS	*44456	F20 D09	90G
✓ GRINDER THREAD 2-5/8 IN DIA	*44459	F20 D18	90G
✓ SURFACE PLATE	*44464	F LNT3	90G
✓ VIBRATION FINISHER	*44484	F30 E21	90G
EDM 20" X 12" TBL 8" RAM STROKE	*44485	F30 D07	90G
✓ VIBRATORY FINISHING MACHINE	*44486	F30 E21	90G
✓ DRILL SENSITIVE,1/2" CH, 15" SW	*44614	F20 C10	90G
✓ CIRCULATORY GEOMETRY GAGING SYS	*44616	F20 S LAB	90G
HORZ MILLING MACHINE #2	*44617	F10 B04	90G
HORZ MILLING MACHINE #2	*44618	F10 B05	90G
HORZ MILLING MACHINE #2	*44619	F10 B05	90G
CNC TURNING CENTER	*44620	F20 C14	90G
CNC TURNING CENTER	*44621	F20 C14	90G
CNC UNIV TURNING CENTER	*45048	F20 C15	90G
CNC UNIV TURNING CENTER	*45049	F20 C15	90G
GRINDER, HAND OPERATED	*45063	F10 C16	90G
KEYSEATER 1-1/4 IN, AUTO FEED	*45066	F5 B8	90G
SAW, BAND, AUTO POWER 16" DIA WORK	*45074	F30 D11	90G
CNC MACH CTR VERT 4-AXIS	*45079	F20 D03	90G
CNC MACH CTR VERT 4-AXIS	*45080	F20 D02	90G
GRINDER VERT UNIV 42" TBL	*45466	F10 B09	90G
GEAR SHAPER,VERT,SIN SPDL,4" FACE W	*45469	F10 B18	90G
GRINDER JIG 40 IN X 24 IN	*45471	F10 C16	90G
K&T CNC MACHINING CENTER	*45478	F20	90G
K&T CNC MACHINING CENTER	*45479	F20	90G
K&T CNC MACHINING CENTER	*45480	F20	90G
GRINDING MACHINE	*45959	F10	90G
GRINDER OSCILLATING SURFACE	*45960	F10 B11	90G
GRINDING MACHINE	*45963	F10	90G
COORDINATE MEASURING MACHINE	*45965	F	90G
FIN CLIP DRILL FIXTURE	*45968	F30	90G
CNC VERTICAL MACHINING CENTER	*46041	F20 D5	90G
CNC VERTICAL MACHINING CENTER	*46042	F20 D4	90G
CIN/MILACRON NC LATHE CINTURN -40"	*46045	F20 C16	90G
CIN/MILACRON NC LATHE CINTURN -40"	*46046	F20 C17	90G
TAPPER 7/8 IN TAP 2.25 IN STROKE	~~181~~	F20 C10	90G
TAPPER 1.5 IN TAP 3.5 IN STROKE	~~182~~	F20 C9-10	90G
LATHE TURRET 2.5" BAR CAP X 21" SW	~~5010~~	F30 D20	90G
LATHE TURRET 2.5" BAR CAP X 21" SW	~~5019~~	F30 E20	90G
LATHE TURRET 2.5" BAR CAP X 21" SW	~~5020~~	F30 D18	90G
LATHE TURRET 1.5" BAR CAP X 21" SW	*51263	F30 D16	90G
LATHE TURRET 6.0" BAR CAP X 24" SW	*5155	F20 D20	90G
MULTIPRESS 10 5/8 IN X 8 IN	*52098	F30 E17 STORED	90G
COMPARATOR 14 IN DIA 5" IN TBL TRVL	*53750	F50 B16	90G
MILL VERTICAL 10 IN X 35 IN TBL	~~5904~~	F10 B07	90G

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EQUIPMENT LIST FOR COST CENTER 90G

EQUIPMENT DESCRIPTION	NID NUMBERS	BUILDING/ COLUMN LOCATION	COST CENTER
GEAR HOBBER 90" DIA 24" FACE WIDTH	*5916	F10 C18	90G
MILL VERTICAL 10 IN X 35 IN TBL	~~5921~~	F10 B07	90G
MILL VERTICAL 10 IN X 35 IN TBL	~~5922~~	F10 B07	90G
MILL HORIZ 18 IN X 96 IN TBL	~~5923~~	F10 C08	90G
MILL HORIZ 13 IN X 64 IN TBL	~~5926~~	F10 B06	90G
MILL HORIZ 13 IN X 64 IN TBL	~~5930~~	F10 C04	90G
MILL HORIZ 13 IN X 64 IN TBL	~~5932~~	F10 C8	90G
MILL HORIZ 13 IN X 64 IN TBL	~~5934~~	F10 B06	90G
MILL HORIZ 13 IN X 64 IN TBL	~~5936~~	F10 B04	90G
MILL HORIZ 21 IN X 50 IN TBL	~~5942~~	F10 B8-9	90G
MILL VERT 96" X 119" TBL	*5954	F10 B03	90G
N/C MACHINING CENTER EB	*608818	F20 C02	90G
DRILL 24" X 48" TBL 3/8" CAP 3 SPD	~~6469~~	F20 C11	90G
GEAR SHAPER 6 IN DIA X 1 IN FACE	*6762	F10 B20	90G
MILL HORIZ 13 IN X 64 IN TBL	~~680~~	F10 C02	90G
SCREW MACHINE AUTO 1.5 IN BAR CAP	*7358	F20 D19	90G
LATHE ENGINE 28 IN SW X 96 IN CC	~~74~~	F Z15	90G
GEAR SHAPER 18 IN DIA X 5 IN FACE	*7668	F10 B20	90G
GEAR SHAPER 36 IN DIA X 6 IN FACE	*7672	F10 B20	90G
SHAPER VERTICAL 20 INCH ROTARY TBL	~~7675~~	F10 B06	90G
MEASURING MACH 80 IN CAP	*813428	F5 GAGE ROOM	90G
DRILL 22" X 48" TBL 7/8" CAP 2 SPD	*861	F B20	90G
LATHE TURRET 1.5" BAR CAP X 15" SW	*9142	F20 D20	90G
LATHE ENGINE N/C 20" SW X 54" CC	*964	F20 C17	90G
SCREW MACHINE AUTO 1.0 IN BAR CAP	~~9765~~	F30 D19	90G
VERTICAL TURRET LATHE CNC	*045966		

THE TOTAL NUMBER OF MACHINES IN COST CENTER 90G IS EQUAL TO 313

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EQUIPMENT LIST FOR COST CENTER 90M

EQUIPMENT DESCRIPTION	NID NUMBERS	BUILDING/ COLUMN LOCATION	COST CENTER
ROCKET MOTOR X-RAY FACILITY		G30 D11	90M
DRILL RADIAL 4 FT ARM 13 IN COLUMN	*105067	G20 D10	90M
DRILL RADIAL 4 FT ARM 13 IN COLUMN	*105069	G30 D17	90M
DRILL RADIAL 4 FT ARM 13 IN COLUMN	*105073	G20 D12	90M
DRILL RADIAL 4 FT ARM 13 IN COLUMN	*105084	G20 D10	90M
DRILL 22" X 36" TBL 7/8" CAP 1 SPD	*106260	G30 D18	90M
MILL HORIZ BORING 4.0 IN SPDL	*114519	G20 D14	90M
PLANER WOOD 16 IN X 96 IN TBL	~~*121~~	G LNT4	90M
ROLL FLOW MACH, VERT	*17537	G10 C06	90M
FURNACE ELECT 15 IN X 15 IN X 24 I	*1792	G10 B13	90M
FURNACE 24 IN X 48 IN X 24 IN	*1812	G10 C16	90M
LATHE ENGINE N/C 24" SW X 72" CC	*1861	G30 D19	90M
FREEZER WEBBER 0 TO -100 DEG F	*24351	G10 C2	90M
LATHE ENGINE N/C 32" SW X 120" CC	*2508	G20 D05	90M
FURNACE 22 IN DIA X 26 IN DEEP	*272	G10 C11	90M
FURNACE 22 IN DIA X 26 IN DEEP	*278	G10 C11	90M
MILL HORIZ BORING 5.0 IN SPDL	*2842	G20 D13	90M
GRINDER OSC SURF 12 IN X 36 IN TBL	*310380	G20 D10	90M
BENCH GRINDER	*3525	G30 D16	90M
FURNACE INDUCT HARDEN	*3918	G10 C16	90M
DRILL 21" X 46" TBL 7/8" CAP 1 SPD	*40134	G20 D10	90M
DISPATCH OVEN	*40163	G30 E14	90M
LATHE ENGINE 24 IN SW X 72 IN CC	*401979	G30 D19	90M
LATHE ENGINE 21 IN SW X 78 IN CC	*40342	G20 D4	90M
DRILL 14" X 22" TBL 1.0 " CAP	*40343	G30 D18	90M
MAGNAFLUX MAGNETIZE 3000 AMP	*40566	G20 C13	90M
ARC WELDER 300 AMPS	*41020	G	90M
WELDING POSITIONER 36 IN DIA TBL	*41066	G E16	90M
ARC WELDER 300 AMPS	*41111	G30 D15	90M
ARC WELDER 300 AMPS	*41114	G30 E14	90M
ARC WELDER 300 AMPS	~~41116~~	G30 D03	90M
ARC WELDER 300 AMPS	*41117	G30 E14	90M
FURNACE 48 IN DIA X 60 IN HIGH	*41126	G10 C10	90M
LATHE ENGINE 36 IN SW X 204 IN CC	*41170	G20 C11	90M
OVEN, ELECT, 16 FT X 16 FT	*41185	G10 C15	90M
SAW CONTOUR 36" THROAT X 16" HIGH	~~41240~~	G30 D03	90M
SPINFORM VERT 72" DIA X 72" LONG	*41281	G10 B02	90M
FURNACE 48 IN X 48 IN X 42 IN	*41310	G10 B11	90M
EXPANDING MACHINE 74 IN DIA	*41330	G10 C03	90M
MAGNETIC PARTICLE INSP 3000 AMPS	*41433	G20 C17	90M
SAND BLAST 36 IN X 156 IN X 78 IN	*41440	G10 B09	90M
WELDING POSITIONER 24 IN DIA TABLE	*41475	G30 D2	90M
FURNACE ELECT GANTRY 48 IN	*41499	G10 B20	90M
BREAK, HAND, 12 GA X 8 FT.STEEL	*41515	G30 D2	90M
MAGNAFLUX DEMAGNETIZE 85 AMP	*41524	G10 C17	90M
PUNCH PRESS 18" THROAT 3/16" STR	*41552	G30 D2	90M
LATHE ENGINE N/C 32" SW X 96" CC	*41590	G20 C06	90M
SPINFORM HORZ 42"DX50"L (RETRO-86)	*41592	G10 B04	90M

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EQUIPMENT LIST FOR COST CENTER 90M

EQUIPMENT DESCRIPTION	NID NUMBERS	BUILDING/ COLUMN LOCATION	COST CENTER
FURNACE 48 IN X 72 IN X 84 IN	*41633	G10 B07	90M
SURFACE PLATE 48 IN X 120 IN TBL	*41958	G20 C14	90M
SPINFORM VERT 72" DIA X 72" LONG	*42140	G10 C04	90M
SAW POWER CUTOFF 12" X 16" RECT	*42155	G20 D02	90M
THREAD MACH 1/8-2" PIPE	*42195	G30 D5	90M
VACU-BLAST 48 IN X 36 IN X 36 IN	*42197	G10 B08	90M
FURNACE ELECT 30 IN DIA 72 IN DEEP	*42204	G10 C08	90M
LATHE ENGINE N/C 27" SW X 96" CC	*42268	G20 C03	90M
LATHE ENGINE 25 IN SW X 120 IN CC	*42269	G20 D03	90M
LATHE ENGINE 25 IN SW X 120 IN CC	*42271	G20 D02	90M
LATHE TURRET N/C 6 IN BAR CAP	*42282	G20 C06	90M
BALL VALVE LAPPER	*426	G30 D18	90M
LATHE ENGINE 41 IN SW X 108 IN CC	*42893	G20 C02	90M
FURNACE 84 IN DIA X 98 IN HIGH	*42932	G10 B16	90M
FURNACE GAS 2000 DEG F 2X4X2 FT	*42933	G10 B15	90M
FURNACE INDUCT HARDEN 48" X 156"	*42935	G10 C15	90M
FURNACE 28 IN X 28 IN X 48 IN	*42975	G10 C09	90M
SAW POWER C/O 10" WHEEL 2.5" CAP	*43396	BLDG 56	90M
OVEN, WALK-IN, 650 DEG F	*43421	G30 E18	90M
FURNACE HEARTH 6 SQ FT X 36 IN HGT	*43464	G10 C12	90M
MILL VERT BORING 30" SW X 36" TBL	*43475	G30 E16	90M
LINDE RING WELDER POWER SUPPLY	*43476	G20 E15	90M
GENERATOR ATMOSPHERE 3000 CUFT MIN	*43480	G10 B10	90M
LATHE TURRET N/C 4 AXIS	*43497	G20 C07	90M
OVEN 37" X 19" X 25" 650 DEG F	*43997	G30 E18	90M
DEGREASER 4 FT X 3 FT X 4 FT	*44027	G10 B03	90M
ARC WELDER 400 AMPS	~~44039~~	G30 E3-4	90M
DRIER INFRARED PORTABLE 44 X 36 IN	*44065	G	90M
BLAST CLEAN & FINISHING MACHINE	*44070	G30 D17	90M
COOLER, WALK-IN, 20 DEG F	*44078	G30 D16	90M
DEGREASER 14 FT X 4 FT X 4 FT	*44120	G20 C17	90M
PHILLIPS STILL	*44173	G10 B2	90M
SPRAY UNIT, EPOXY POWDER	*44193	G30 E19	90M
HARD TEST MACH ROCKWELL & BRINELL	*44206	G10 C10	90M
DUST COLLECTOR, TABLE TYPE	*44216	G30 E18	90M
N/C TURN MACH 15 IN SPDL 33 IN CC	*44273	G20 C08	90M
N/C TURN MACH 15 IN SPDL 33 IN CC	*44274	G20 C09	90M
DISINTEGRATOR METAL 30" X 31" TBL	*44367	G20 D9	90M
SURFACE PLATE 72 IN X 144 IN TBL	*4438	G20 C14	90M
LATHE ENGINE 20 IN SW X 112 IN CC	*44389	G20 D04	90M
FURNACE 84 IN DIA X 96 IN HIGH	*44396	G10 B16	90M
VACU-BLAST 48 IN X 36 IN X 36 IN	*44406	G10 B7	90M
N/C MACH CTR 80" X, 30" Y, 25" Z	*44444	G20 C10	90M
ARC WELDER 225 AMP	*44446	G30 E2	90M
THREAD MACHINE, PIPE 2.5 IN DIA	~~44451~~	G30 D01	90M
SHEAR 3/8" WK THK, 10' WIDE	~~44452~~	G30 E03	90M
LATHE ENGINE 25 IN SW X 120 IN CC	*44457	G20 D07	90M
HARDNESS TESTER	*44473	G30 E16	90M

EQUIPMENT LIST FOR COST CENTER 90M

EQUIPMENT DESCRIPTION	NID NUMBERS	BUILDING/ COLUMN LOCATION	COST CENTER
FURNACE, ELECT, 1200 DEG F	*44480	G10 C10	90M
BRAKE, HAND, 12 GA X 8 FT STEEL	~~44608~~	G30 E02	90M
ROLL 12 GA THICK X 48 IN WIDE	~~44612~~	G30 E03	90M
DRILL UPRIGHT, ROUND COLUMN 1 1/2"	~~44613~~	G30 D03	90M
PUNCH PRESS 1-1/6"D 58 TON	~~44615~~	G30 G03	90M
PLASMA ARC WELD EQUIPMENT	*44625	G30 D14	90M
CONWAY PRESS, POWER THUMB	~~44636~~	G30 OSW	90M
CENTRIFUGE FILTER SYSTEM	*45045	G10 S	90M
LATHE ENGINE N/C 32" SW X 120" CC	*45051	G20 D06	90M
BRAKE, HAND, 4 FT BREAK	~~45053~~	G30 E02	90M
CNC MACH CTR 4 AXIS (SEE NOTE 1)	*45441	G20 C04	90M
ELECTRON BEAM WELDER, CNC	*45455	G30 D14	90M
CNC MILL, VERT, FOUR AXIS (SEE NOTE 1)	*45457	G20 D09	90M
CNC MILL, VERT, FOUR AXIS	*45458	G20 D10	90M
WELDING SYSTEM, TIG, 500 AMP	*45459	G20 D8-9	90M
INDUCTION HEATING SYSTEM	*45462	G20 C15	90M
HYDRAULIC SHRINK MACHINE	*45465	G10 C07	90M
500 GALLON ARGON TANK	*45881	G EAST APRON	90M
OVEN, MAX TEMP650 DEG F	*45958	G20 C16	90M
BLAST CLEAN MACHINE	*45961	G	90M
BLAST CLEANING MACHINE	*45969	G10 B7/9	90M
150 KV X-RAY SYSTEM	*45970	G30 D10/11	90M
X-RAY FILM PROCESSOR	*45970A	G30 D10/11	90M
WELDER	*46205	G30 E15	90M
WELDER	*46206	G30 E14	90M
WELDER	*46207	G30 E15	90M
WELDER	*46208	G30 E15	90M
INDUCTION GEAR SCANNER	*46218	G10 C07	90M
HOT WATER WASHER FOR ROCKET MOTORS	*46219	G10 B03	90M
SURFACE PLATE 48 IN X 144 IN TBL	*4971	G20 C15	90M
MAGNETIC PARTICLE INSP 4500 AMPS	*5346	G10 C17	90M
DRILL 24" X 44" TBL 7/8" CAP	*6471	G30 D3	90M
ROCKET MOTOT HYDRO TEST	*6627	G20 D16	90M
MK75 STAND (MAINTENANCE'S MEZZANINE)	~~MK75 TEST 5~~	G30 D8-9	90M

THE TOTAL NUMBER OF MACHINES IN COST CENTER 90M IS EQUAL TO 130

13

NOTE 1: For these two particular 4 Axis Machines, NSY, Norfolk indicated that they did not posess duplicate resources that could be dedicated to the Rocket Motor Case Production Program.

EQUIPMENT LIST FOR COST CENTER 305

EQUIPMENT DESCRIPTION	MID NUMBERS	BUILDING/ COLUMN LOCATION	COST CENTER
DRILL 22" X 46" TBL 7/8" CAP 2 SPD	~~12629~~	L R7	305
GRINDER OSC SURF 8 IN X 24 IN TBL	~~17787~~	L B17	305
MILL HORIZ 14 IN X 64 IN TBL	~~313429~~	L30 C15	305
LATHE ENGINE 16 IN SW X 54 IN CC	~~40040~~	L B15	305
SAW CONTOUR 35" THROAT X 20" HIGH	~~40191~~	L10 C15	305
SAW POWER C/O 10" X 10" STOCK CAP	~~40208~~	L40 N03	305
DRILL RADIAL 5 FT ARM 15 IN COLUMN	~~40381~~	L40 N03	305
MILL UNIVERSAL 9 IN X 34 IN TBL	~~40917~~	L20 B15	305
DEGREASER 24 IN X 18 IN X 18 IN	*41094	L S16	305
SAW 35" THROAT 19" HGT WHEEL	~~41523~~	L30 S	305
DEGREASER 14 FT X 4 FT X 4 FT	*42151	L U20-21	305
THREAD MACH 1/8-2" PIPE 1/4-2" BOL	~~42168~~	L30 N03	305
✓ CLEANER INSTRU 34IN X 22IN X 46IN	*42294	L BC16	305
OVEN INSTRU 72 IN X 51 IN X 48 IN	~~42295~~	L40 C01	305
STRAIGHT PRESS 75 TON 10" STROKE	~~42807~~	L QR7	305
SAW WOOD 18" DIA BLADE	~~42868~~	L SHIP	305
SAW BAND 36" X 36" TBL 36" DIA WHL	~~42870~~	L SHIP	305
ARC WELDER 300 AMPS	~~42886~~	L L12	305
✓ DEGREASER ELECT LAB TYPE	*44187	L S16	305
✓ DEGREASER ELECT LAB TYPE	*44188	L Q18	305
DEGREASER ELECT LAB TYPE	*44189	LR18	305
DYNO ABSORP TESTS TO 50 HP	*44260	L LN07	305
WASH HOT WATER 2000PSI 4.6 GPM GAS	*44395	L30 N03	305
✓ PC BOARD CLEANING SYSTEM AUTOMATIC	*44472	L40 M16	305
✓ DYNAMOTER, 600 HP, ABSORPTION	*45060	L20 N05	305
✓ BALANCING MACHINE, VARI-SPEED DR	*45061	L20 R07	305
✓ VAPOR DEGREASER, 168 X 48 X 72	*45070	L S07	305
WIRE MARK, CUT, AND STRIP MACH	*45461	L20 EF16	305
LATHE TURRET 1.5" BAR CAP X 21" SW	~~5016~~	L20 B15	305
DRILL 24" X 36" TBL 1 SPDL	~~50534~~	L30 HJ3	305
LATHE ENGINE 12 IN SW X 30 IN CC	~~5195~~	L10 B15	305
SAW CONTOUR 36" THROAT X 13" HIGH	~~7061~~	L40 B15	305
✓ L TEST 1	*L TEST 1	L B9	305
✓ L TEST 2	*L TEST 2	L P9	305
✓ RADAR TEST PLATFORM	*RADAR TEST	L NORTH	305

THE TOTAL NUMBER OF MACHINES IN COST CENTER 305 IS EQUAL TO 35

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EQUIPMENT LIST FOR COST CENTER 50

BUILDING 102

EQUIPMENT DESCRIPTION	NID NUMBERS	BUILDING/ COLUMN LOCATION	COST CENTER
✓ SALT SPRAY TANK (1ST ARTICLE TEST)	*19219	102 D11	50
DRILL PRESS, 1 SPND, TBL 18" x 24"	~~2889~~	102 D2	50
GRINDER, OSC. SURF. TABLE 6" x 12"	~~2908~~	102 D2	50
ARBOR PRESS, MANUAL	~~2912~~	102 D2	50
POLISHER	~~3226~~	102 D2	50
BENCH LATHE	~~3580~~	102 D 1-2	50
VERTICAL BAND SAW	~~3582~~	102	50
BENCH TYPE PAINT BOOTH	~~3609~~	102 D 1-2	50
DISINTEGRATOR METAL 20" X 30" TBL	~~41521~~	102 D2	50
MILL, VERTICAL 9 IN X 42 IN TBL	~~45914~~	102	50
DEGREASER, VAPOR, 3' x 7' x 5'	~~45950~~	102 D2	50
VACU-BLAST	~~45962~~	102	50
✓ OIL PURIFIER, VACUUM	*46223	102 H3	50
✓ ENVIRONMENTAL CHAMBER(1ST ART. TEST)	*48198	102 D11	50
✓ VIBRATION TEST EQUIP(1ST ART. TEST)	*48199	102 D11	50

THE TOTAL NUMBER OF MACHINES IN COST CENTER 50 IS EQUAL TO 15

4

NONE

EQUIPMENT LIST FOR COST CENTER 90J

BUILDING 117

EQUIPMENT DESCRIPTION	NID NUMBERS	BUILDING/ COLUMN LOCATION	COST CENTER
VAPOR DEGREASER, 12'L X 4'W, 4 ZONE	0471000	117, D2	90J
VAPOR DEGREASER, 5'L X 2.5'W X 2.5'D	0471010	117	90J
VAPOR DEGREASER, 12'L X 4'W, 4 ZONE	0471020	117, F1	90J
VAPOR DEGREASER, 12'L X 4'W, 4 ZONE	0471030	117, C1	90J
CHROME PLATE, 8'L X 3'W X 4.5'D	047104	117	90J
T106	047106	117	90J
T110	047110	117	90J
T112	047112	117	90J
T114	047114	117	90J
T116	047116	117	90J
T118	047118	117	90J
T120/122	047120/122	117	90J
T124	047124	117	90J
T125/127	047125/127	117	90J
T128	047128	117	90J
T200	047200	117	90J
T201	047201	117	90J
T204	047204	117	90J
T205	047205	117	90J
T208	047208	117	90J
T209	047209	117	90J
T210	047210	117	90J
T214	047214	117	90J
T215/216	047215/216	117	90J
T217	047217	117	90J
T218	047218	117	90J
T220	047220	117	90J
T222	047222	117	90J
T223	047223	117	90J
T224	047224	117	90J
T228	047228	117	90J
T229	047229	117	90J
T230	047230	117	90J
T232	047232	117	90J
T236	047236	117	90J
T238	047238	117	90J
T240	047240	117	90J
T260	047260	117	90J
T276	047276	117	90J
T300	047300	117	90J
T304	047304	117	90J
T306	047306	117	90J
T308	047308	117	90J
T310/311	047310/311	117	90J
T320	047320	117	90J
T322/323	047322/323	117	90J
T330	047330	117	90J
T332/333	047332/333	117	90J

PLATING TANKS (T)

NONE

EQUIPMENT LIST FOR COST CENTER 90J

EQUIPMENT DESCRIPTION	NID NUMBERS	BUILDING/ COLUMN LOCATION	COST CENTER
T340	047340	117	90J
T342/343	047342/343	117	90J
T346	047346	117	90J
T348/349	047348/349	117	90J
T350	047350	117	90J
T352	047352	117	90J
T354	047354	117	90J
T356/358	047356/358	117	90J
T360	047360	117	90J
T362/362	047362/362	117	90J
T366	047366	117	90J
T368/369	047368/369	117	90J
T370	047370	117	90J
T376	047376	117	90J
T378	047378	117	90J
T380	047380	117	90J
T381	047381	117	90J
T388	047388	117	90J
T390/391	047390/391	117	90J
T402	047402	117	90J
T406	047406	117	90J
T408	047408	117	90J
T410	047410	117	90J
T412	047412	117	90J
T414	047414	117	90J
T416	047416	117	90J
T418	047418	117	90J
T420/422	047420/422	117	90J
T424	047424	117	90J
T426	047426	117	90J
T428	047428	117	90J
T450	047450	117	90J
T452/454	047452/454	117	90J
T460	047460	117	90J
T462	047462	117	90J
T464	047464	117	90J
T502	047502	117	90J
T504	047504	117	90J
T506	047506	117	90J
T510	047510	117	90J
T512	047512	117	90J
T514	047514	117	90J
T515	047515	117	90J
T516	047516	117	90J
T520	047520	117	90J
T521/522	047521/522	117	90J
T528	047528	117	90J
T530	047530	117	90J

NONE

EQUIPMENT LIST FOR COST CENTER 90J

EQUIPMENT DESCRIPTION	NID NUMBERS	BUILDING/ COLUMN LOCATION	COST CENTER
T538	047538	117	90J
T540	047540	117	90J
T542	047542	117	90J
T544	047544	117	90J
T548	047548	117	90J
T600	047600	117	90J
T602	047602	117	90J
T603	047603	117	90J
T606	047606	117	90J
T608	047608	117	90J
T610	047610	117	90J
T611	047611	117	90J
T614	047614	117	90J
T616	047616	117	90J
T617	047617	117	90J
T650	047650	117	90J
T652	047652	117	90J
T700	047700	117	90J
T702/704	047702/704	117	90J
T708	047708	117	90J
T710/712	047710/712	117	90J
T714	047714	117	90J
T716	047716	117	90J
T720/722	047720/722	117	90J
T724	047724	117	90J
T800	047800	117	90J
T805	047805	117	90J
T810	047810	117	90J
T812	047812	117	90J
T820	047820	117	90J
T822	047822	117	90J
T824	047824	117	90J
T826	047826	117	90J
T830	047830	117	90J
T832	047832	117	90J
T842	047842	117	90J
T850	047850	117	90J
T852	047852	117	90J
T860	047860	117	90J
T861	047861	117	90J
T862	047862	117	90J
T870	047870	117	90J
T872	047872	117	90J
T874	047874	117	90J
T876	047876	117	90J
T900	047900	117	90J
T902	047902	117	90J
T904	047904	117	90J

EQUIPMENT LIST FOR COST CENTER 90J

EQUIPMENT DESCRIPTION	NID NUMBERS	BUILDING/ COLUMN LOCATION	COST CENTER
T906	~~047906~~	117	90J
T908	~~047908~~	117	90J
TUMBLER 18 IN X 20 IN	~~110367~~	C30 E13	90J
OVEN ELECT, 54 IN X 9 FT X 6 FT	~~131770~~	L ST8	90J
ROTO SHOT 96 IN DIA TBL 42 IN HIG	*40758	D30 E11	90J
TUMBLER/VIBRATOR 6 CU FT	~~41229~~	C30 E13	90J
PAINTBOOTH 16 FT X 6 FT X 11 FT	~~41443~~	G20 C21	90J
OVEN 36IN X 20IN X 22IN 427 DEG F	~~41460~~	A30 E05	90J
FURNACE ELECT 15" X 12" X 8"	~~42236~~	G10 C10	90J
VACU-BLAST 48 IN X 30 IN X 36 IN	~~42267~~	L30 T09	90J
COATING MACHINE	*44106	G30 E19	90J
BLAST CLEAN RM 25'L X 22'W X 14'H	~~44191~~	D30 NE CORNER	90J
COATING MACHINE	*44192	G30 E19	90J
DRIER INFRARED PORT 24 KW	*44440	E LA22	90J
DRIER INFRARED PORT 24 KW	~~44441~~	E LA22	90J
SAND BLAST 55" W x 42" DP x 40" H	~~44450~~	C3 LNT 0	90J
AIR SYSTEM HIGH PRESSURE	*44601	G20 C21	90J
AIR SYSTEM HIGH PRESSURE	~~*44603~~	A	90J
SANDBLAST ROOM 37' X 35' X 22'	*44609	D30 E12	90J
OVEN, CAB, MAX TEMP 650 DEG F	*45956	G30 E18	90J
OVEN, CAB, MAX TEMP 650 DEG F	~~45957~~	G30 E19	90J
HOT PARTS WASHER, STEAM, TABLE	~~*46230~~ (Keep)	C30 E12	90J
HOT WATER PARTS WASHER, ELECTRIC	~~*46232~~ (Keep)	A30 E11	90J
A PAINT	~~1A PAINT~~	A	90J
CPAINT1	~~CPAINT1~~	C10 A19	90J
CPAINT2	~~CPAINT2~~	C10 A3	90J
CPAINT3	~~CPAINT3~~	C20 X2	90J
PAINT BOOTH	~~PAINT BOOTH~~	L	90J
PLASMA SPRAY AREA	~~PLASMA SPRAY~~	117	90J
STEAMCLEAN	~~STEAMCLEAN~~	C10 SOUTH	90J

THE TOTAL NUMBER OF MACHINES IN COST CENTER 90J IS EQUAL TO 174

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TOTAL 253

ATTACHMENT 3

TO BRAC-95 SCENARIO DEVELOPMENT DATA CALL
2-14-0114-012A & 2-14-0117-013A
Establish Special Support Functions Norfolk NSYD
Detailed Cost Breakdown
(2 Pages)

JB 2/26/95

The attached cost breakdown supports the response on page 3-27 of Enclosure 3-(A).

Detailed Breakdown of Special Support Function Costs	
Industrial Processes Support Facilities:	
Metallurgical composition & tensile test verification lab	0
Environmentally controlled inspection facilities	0
Grit, powder, and sand blast facilities	0
Paint booth facilities, adjacent to 3 separate bldgs 24K sqft	0
Paint storage and handling facilities to accommodate	0
polymers, solvents, epoxy, resins, etc. (OSHA)	
8,125 sqft building	
X-ray facilities	
2 million volt X-ray facility	874
Circumference x-ray of std missile rocket motor casings	250
2,914 sqft facility	
Outdoor new and used heat treat quench oil storage	0
facility with concrete, leak catch basins, visual	
shielding, spark and slag catch basins	
High frequency noise reduction for gas and plasma arc	0
cutting processes (OSHA)	
Special/Unique Utility Support Requirements	
Electrical mods for unique machines not in MILCON/Rehab	4,457
Separate circuits, voltage converters, isolation	
transformers, special grounding, high power supply	
High pressure/compressed air supply not at NSY Norfolk	750
Coolant filtration systems for machine tools	0
Gun Barrel plating line- 5 tanks 28'depth, 864 SF	3,510
Other plating processess needed but not available per site	13,200
visit at NSY Norfolk - passivation process, black oxide and	
tin, electorless nickel, manganese phosphate, anodize, etc.	
92 tanks, approx. 12k SF	
Chemical, fluid, solvent, and paint requirements	
Replenish plating shop chemicals not at NSY Norfolk	1,445
Replenish industrial waste water treatement facility	0
Replenish 500 gallon tanks not at NSY Norfolk, nitrogen for	585
heat treat furnaces, plasma/laser cutting, flame spray ,etc	
Replenishment of various/miscellaneous oils, solvents	254
chemicals, paint, etc.- Addl rqmts for NSY Norfolk	
Special pits and foundations	
1 Gantry Furnace (4 15-20' deep pits)	800
2 Bell Furnace Pits	100
2 Hydrospin Foundations	150
6 "B" Bldg Machine Foundations (300 tons each)	900
Heat Treat Furnaces and supporting facilities	
Car bottom furnaces	600
Zero Blast	300
Pangborne	300
Environmentally controlled work/test rqmts (OSHA). Work	0
area ventilation - for welding, paint, epoxy, etc. 7K SF	
Purchase and place in service critical equip where it is more	0
cost effective to purchase equip than to incur mission cost	
due to down time while moving equip; and more cost effect-	
than building up inventory to allow for time to move equip	

ENCLOSURE (2)
ATTACHMENT 3

Create new NC programs 5,200x26hrs/programx$60/hr	8,112	
Manufacturing/Repair Technology Facility	3,967	
Special equipment and facility requirements for process		
validation, reverse engineering, design, development,		
transition to production, prototyping, technical support,		
electronic data interchange, SLS access, etc..		
PARDS and PDES generation facility including CMMs		
Installation of 253 machine tools not those above	4,756	
Replacement special tooling, fixtures rqd for use with NSY	32,962	
Hydraulics overhaul Shop	1,072	
"Secured" Small Arms Manufacturing Shop	58	
Total	78272	*
0's indicate where NSY Norfolk stated they already have		
* The $50M was a negotiated bottom line number which does not capture the entire		
industrial costs listed above		

ENCLOSURE (2)
ATTACHMENT 3

SCENARIO NUMBER 2-14-0114-012, ALT 2 - Shipyards (Revision Five)
(Response to BSAT Question of December 20, 1994, afternoon)

NORFOLK NAVAL SHIPYARD
REALIGN CIWS WORK OF NSWC LOUISVILLE TO NSWC CRANE, INDIANA.
REALIGN OTHER SHIPS/SEA SYSTEMS WORK OF NSWC LOUISVILLE TO NORFOLK.
DO NOT REALIGN ANY SHIPS/SEA SYSTEMS WORK OF NSWC CRANE IN TO NORFOLK.
SHIP ALL PLATING WORK REQUIRING PROCESSES NOT CURRENTLY AVAILABLE, OR READILY INSTALLABLE, AT THE NORFOLK NAVAL SHIPYARD TO WATERVILET ARMY ARSENAL.

NORFOLK NAVAL SHIPYARD COMMENT ON THIS SCENARIO

Note: The response to this scenario also takes into account A DECREASE in the number of employees to be gained from NSWC Louisville from 469 to 230 based on the ability to retrain Norfolk NSYD's workforce for the remaining NSWC, Louisville, work.

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

In accordance with policy set forth by the Secretary of the Navy, personnel of the Department of the Navy, uniformed and civilian, who provide information for use in the BRAC-95 process are required to provide a signed certification that states "I certify that the information contained herein is accurate and complete to the best of my knowledge and belief."

The signing of this certification constitutes a representation that the certifying official has reviewed the information and either (1) personally vouches for its accuracy and completeness or (2) has possession of, and is relying upon, a certification executed by a competent subordinate.

Each individual in your activity generating information for the BRAC-95 process must certify that information. Enclosure (1) to this attachment is provided for individual certifications and may be duplicated as necessary. You are directed to maintain those certifications at your activity for audit purposes. For purposes of this certification sheet, the commander of the activity will begin the certification process and each reporting senior in the Chain of Command reviewing the information will also sign this certification sheet. This sheet must remain attached to this package and be forwarded up the Chain of Command. Copies must be retained by each level in the Chain of Command for audit purposes.

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

ACTIVITY COMMANDER

CAPT W. R. KLEMM
NAME (Please type or print)

WRKlemm
Signature

SHIPYARD COMMANDER
Title

12/21/94
Date

NORFOLK NAVAL SHIPYARD
Activity

BRAC-95 SCENARIO DEVELOPMENT DATA CALL
ENCLOSURE (1) - SCENARIO SUMMARY

Complete one copy of Enclosure (1) - Scenario Summary for the entire closure/realignment scenario. Tables included in this enclosure are 1-A, 1-B and 1-C.

Table 1-A: Scenario Description. Identify the Scenario Number, Title and Response Date. The Scenario Number and Title will be provided to you by the BSAT as part of the data call tasking.

Scenario No.:	2-14-0114-012
Scenario Title:	ALT 2 - Shipyards (Revision Five: NSWC Louisville) (Realigns NSWC Louisville CIWS work to NSWC, Crane, IN. Leaves Crane IN ships/sea systems work at Crane, IN. Also accounts for Transfer of Function with 230 NSWC employees and Retraining of Norfolk NSYD Workforce. Assumes no replication of additional plating processes; proceeses not currently available, or readily installable, at Norfolk NSYD will be shipped to Watervilet Army Arsenal.) R
Date:	20 December 1994 R

Table 1-B: Point of Contact Information. Please identify a knowledgeable point of contact familiar with the information relating to this closure/realignment scenario whom the BSAT can contact to answer any questions or to provide additional information as required. This point of contact must also be familiar with the location and name of the person responsible for maintaining any supporting documentation relating to this data call response.

Name:	W. A. " Buddy" Trueblood, Jr.
Organization/Code:	Norfolk Naval Shipyard Code 1220 Portsmouth, VA 23709-5000
Office Phone Number:	(804) 396-8114 (DSN) 961-8114
Fax Number:	(804) 396-2626
Home Phone Number	(804) 482-1849

Table 1-C: Losing/Gaining Bases Involved in Scenario. Complete the table on the next page to identify "bases" involved in the closure/realignment scenario. Note that the term **"Losing Base"** refers to host activities, independent activities or other activities specifically identified in the Scenario Development Data Call tasking which are being reduced in size, i.e., closing or being realigned. The term **"Gaining Base"** refers to host or independent activities which will be receiving sites for functions/personnel transferred from losing

table, e.g., Branch Medical Clinic, Personnel Support Detachment, etc. Individual tenants will, however, be specifically identified in subsequent tables in the data call. The third column of the table

Enclosure (1)

ENCLOSURE (3)-A

should be used to identify relevant information regarding workload/missions to be transferred. For example, entries in this column should be short phrases such as, "missile workload", "ships", "F-14 squadrons", "tenants", etc., or to provide other clarifying information. This third column need only be completed to identify major components of the closure/realignment scenario, and should not be used to list all tenant names, etc.

Table 1-C: Losing/Gaining Bases Involved in Scenario

Losing Base(s)	Gaining Base(s)	Workload /Missions Transferring
NSWC Louisville	Norfolk Naval Shipyard	Ship/Sea Systems work with the exception of CIWS work R

Note: If an activity/function will be relocated into leased office space, please note this fact under the column, Gaining Base, e.g., "Washington, DC - Leased Space".

Enclosure (1)

December 16, 1994 Norfolk Naval Shipyard, N00181

BRAC-95 SCENARIO DEVELOPMENT DATA CALL

ENCLOSURE (3) - GAINING BASE QUESTIONS

Complete a separate Enclosure (3) - Gaining Base Questions, as appropriate, for each "gaining" base involved in the closure/realignment scenario. Make additional copies of this enclosure as necessary. Tables included in this enclosure are 3-A and 3-B. Enter the name of the Gaining Base in the block below.

Gaining Base:	Norfolk Naval Shipyard

Table 3-A - Dynamic Base Information. Complete the following "Supporting Data" section. Then, summarize this data in the Summary Data Table (3-A) that immediately follows this "Supporting Data" section. Show all entries in ($000).

Table 3-A: Supporting Data

a. Other One-Time Unique Costs. This item has been divided into two sections. First, separately identify any Community Infrastructure Impact costs. Second, separately identify any other One-Time Unique costs. **Finally, when transferring these figures to the Summary Data Table (3-A), combine both sets of numbers into one "Other One-Time Unique Costs" answer (by year).**

a. (1) Community Infrastructure Impacts. Identify any cost impacts on community infrastructure at gaining bases which would result from the transfer of functions/personnel, e.g., requirement to build new sewage treatment facility, etc. For each cost, identify the amount, year in which it would be incurred, location (city, etc.), and a brief description of the requirement. Answers must be consistent with certified data contained in the gaining base's Data Call 65, "Economic and Community Infrastructure Data", response. Ensure that adequate coordination takes place, especially in those cases where the gaining and losing base are in different claimancies. **Remember to aggregate this answer with 2.a.(2) costs on the next page, if any, when transferring data to Summary Table.**

Gaining Base: Norfolk Naval Shipyard

	Cost	FY	Location	Description
1.	None			No impact on local community.

94B
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December 16, 1994 Norfolk Naval Shipyard, N00181

BRAC-95 SCENARIO DEVELOPMENT DATA CALL
ENCLOSURE (3) - GAINING BASE QUESTIONS

a. (2) Other Unique One-Time Costs. Identify any other one-time unique costs at the gaining base which will not be calculated automatically by the COBRA algorithms (as noted in the Introduction section). Examples include use of temporary office space, etc. Only costs directly attributable to the closure/realignment action should be identified. This area should not be used to identify routine moving or personnel costs, which are calculated automatically by the COBRA algorithms, nor should it be used to identify one-time unique moving costs which will be addressed in the Losing Base tables (enclosure (2)). For each unique one-time cost, identify the amount, year in which the cost will be incurred and describe the nature of the cost. Do not double count any costs identified on Losing Base tables (Enclosure (2)). **Remember to aggregate with 2.a.(1) costs on the previous page, if any, when transferring data to Summary Table.**

Gaining Base: Norfolk Naval Shipyard

Cost	FY	Description
$825	99	Installation of capital equipment
$25,000	98	Establish special support functions at Norfolk NSYD
$12,000	99	Establish special support functions at Norfolk NSYD R
$2,587	98	Certification of production processes & personnel
$5,250	99	Certification of production processes & personnel
$4,618	00	Certification of production processes & personnel
$500	97	Increase operational computer equipment/software
$4,260	96	TRS development for Norfolk NSYD R
$4,260	97	TRS development for Norfolk NSYD R
$2,130	98	TRS development for Norfolk NSYD R
$2,130	99	TRS development for Norfolk NSYD R
$7,603	97	Retraining of Norfolk NSYD Workforce to Accommodate Current NSWC systems R

948
Code 053, 12/16/94

b. Other One-Time Unique Savings. Identify any other one-time unique savings at the gaining base which will not be calculated automatically by the COBRA algorithms (as noted in the Introduction section). This area should not be used to identify routine moving or personnel savings, which are calculated automatically by the COBRA algorithms. Do not include MILCON Cost Avoidances (which were identified in a separate data call), or Procurement Cost Avoidances (which are covered in the losing base enclosure). For each savings, identify the amount, year in which it will occur and describe the nature of the savings. Only savings directly attributable to the closure/realignment action should be identified. Do not double count any savings identified on Losing Base tables (Enclosure (2)).

Gaining Base: Norfolk Naval Shipyard

	Cost	FY	Description
1.	None identified.		

NB
Code 053, 12/16/94

c. Environmental Mitigation. Environmental cleanup costs at closing bases are not considered in COBRA, since these costs will be incurred regardless of whether the activity is closed or remains opened. If, however, additional environmental costs are incurred at gaining bases as the result of a transfer of functions or personnel, these costs should be identified, e.g., wetland mitigation, environmental impact statements at gaining bases, new permits, etc. Identify below any non-Military Construction environmental mitigation costs which will be incurred as a result of this closure/realignment action. (Note: Military Construction Costs for environmental mitigation are identified in Table 3-B). For each cost, identify the amount, year in which the cost will be incurred and a brief description of the cost.

Gaining Base: Norfolk Naval Shipyard

	Cost	FY	Description
1.	None identified.		

d. Miscellaneous Recurring Costs. Identify any other recurring costs associated with the closure/realignment action at the gaining base which will not be calculated automatically by the COBRA algorithms (as noted in the Introduction section), e.g., new leases of facilities or equipment, etc. For each cost, identify the year in which the cost will begin and describe the nature of the cost. Only costs directly attributable to the closure/realignment action should be identified. (Do not include changes in non-payroll BOS, Family Housing Operations, housing allowances or CHAMPUS costs, all of which are calculated by other COBRA algorithms.). Do not double count any costs identified on Losing Base tables (Enclosure (2)).

Gaining Base: Norfolk Naval Shipyard R

Annual Cost	FY	Description
$97.5 Note 1	99	Additional transportation costs beginning in FY99 R

Note:

1 Annual Estimate based on sending a dedicated tractor trailer on 75 round trips at 508 miles from Portsmouth, VA to Watervilet Army Arsenal to accomplish plating operations not currently available, or readily installable, at Norfolk NSYD . The total trips were computed for each of 50 weeks as follows: (a) one trip per week with guns packed efficiently with rocket motors, smaller/miscellaneous work, and equipment requiring anodizing, and (b) one trip every other week for schedule-critical items and/or equipment requiring greater weight or length than the average weekly load. R

e. Miscellaneous Recurring Savings. Identify any other recurring savings associated with the closure/realignment action which will not be calculated automatically by the model, e.g., elimination of leases of facilities or equipment, etc. For the savings, identify the year in which each will begin and describe the nature of the savings. Only savings directly attributable to the closure/realignment action should be identified. (Do not include changes in non-payroll BOS, Family Housing Operations, housing allowances, CHAMPUS costs or salary savings for eliminated positions/billets, all of which are calculated by other COBRA algorithms.). Do not double count any savings identified on Losing Base tables (Enclosure (2)).

Gaining Base: Norfolk Naval Shipyard

	Annual Savings	FY	Description
1.	None identified.		

f. Land Purchases. Identify any land purchases required at gaining bases to accommodate relocating activities/functions. Identify the cost, number of acres, year in which purchase will occur and a brief description identifying why the land needs to be purchased.

Gaining Base: Norfolk Naval Shipyard

	Cost	No. of Acres	FY	Description
1.	None required.			

NB
Code 053, 12/16/94

BRAC-95 SCENARIO DEVELOPMENT DATA CALL
ENCLOSURE (3) - GAINING BASE QUESTIONS

Summarize data shown in response to supporting data questions a. through f. above in the following table:

Table 3-A: Dynamic Base Information

Gaining Base Name: Norfolk Naval Shipyard								
		1996	1997	1998	1999	2000	2001	Total
a.	One-Time Unique Costs *	$4,260	$12,363	$29,717	$20,205	$4,618	$0	$71,163 R
b.	One-Time Unique Savings							
c.	Environ. Mitigation							
d.	Misc. Recurring Costs	$0	$0	$0	$97.5	$97.5	$97.5	$292.5 R
e.	Misc. Recurring Savings							
f.	Land Purchases							

* Includes both Community Infrastructure Impact and Other One-Time Unique Costs, as applicable.

Table 3-B - Military Construction Requirements. Identify the amount of new construction or rehabilitation (using the designated unit of measure) which will be required at the receiving site. Include a brief description of the requirement in the Comment column.

- Do not include Family Housing construction requirements on this table, they will be identified on a separate data call format.

- The COBRA MILCON algorithm will estimate the cost of MILCON requirements for the standard categories of construction listed on the next page. However, if an engineered estimate(s) is already available, then a dollar value for the requirement(s) should be identified in the "Comment" column of the table.

- Any identified Environmental Mitigation MILCON projects must include a total cost and brief description of the requirement in the "Comment" column of the table.

- The "Other" row is provided to identify MILCON requirements which do not fit the standard construction categories, e.g., dry docks, SCIF conversions, aircraft wash racks, etc. Enter a total cost and brief description for each identified requirement. For these "unique" categories of construction, a square footage estimate should also be indicated, if possible.

For Rehabilitation Requirements: if entered as a "unit of measure" (e.g., SF, etc.), then corresponding costs will be calculated at 75% of the cost of new construction (worst-case cost estimate for rehabilitation costs). If the rehabilitation will involve renovation at an anticipated rate of less than 75%, then in addition to identifying the requirement (SF, etc.), enter in the Comment block either a rehabilitation cost or an appropriate percentage which should be used in lieu of the 75% rate.

Show any cost entries in ($000).

Description of "Units of Measure" used in Table 3-B:

SY - Square Yards
FB - Feet of Berthing
SF - Square Feet
BL - Barrels

Description of standard "Categories of Construction" used in Table 3-B (including examples of types of construction included in these categories):

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BRAC-95 SCENARIO DEVELOPMENT DATA CALL

ENCLOSURE (3) - GAINING BASE QUESTIONS

Horizontal - Aprons/Paving (Aircraft Parking Aprons, Combat Aircraft Ordnance Loading Areas, etc.), shown in square yards.

Berthing - General Purpose Berthing Piers, shown in feet of berthing.

Air Maintenance - Maintenance Hangers (General Purpose, High Bay, etc.), shown in square feet.

Other Operations - General Purpose Operations Facilities (Aircraft, Ordnance, Amphibious, Headquarters, etc.), shown in square feet.

Administrative - Administrative space (General Purpose and ADP), shown in square feet.

Training - Training Facilities (Academic, Reserve, Applied Instruction, Recruit Processing, Operational Trainers, etc.), shown in square feet.

Maintenance - Non-Weapons facilities (Vehicles, Electronics, Public Works, etc.), shown in square feet.

Bachelor Quarters - Barracks, Dormitories or Unmarked Officer Quarters, shown in square feet.

Supply/Storage - Operational Storage, Cold Storage, General Warehouse, etc., shown in square feet.

Dining Facilities - Enlisted Mess Hall, shown in square feet.

Personnel Support - Fire, Police, Family Service Centers, MWR, Child Care, etc., shown in square feet.

Communications - Other Communications Facilities, (Communications Centers, Telephone Exchanges, Terminal Equipment, Radar Air Traffic Control Center, etc.), shown in square feet.

Ship Maintenance - Shore Intermediate Maintenance, Waterfront Services, Amphibian Vehicle Maintenance, etc., shown in square feet.

RDT&E - Other Research, Development, Test and Evaluation (RDT&E) facilities (Aircraft, Ship, Underwater, Electronics, etc.) (does not include Ammo/Propulsion Labs), shown in square feet.

POL Storage - Jet Engine Fuel Storage, shown in barrels.

Ammo Storage - General Purpose, High Explosive, Small Arms and Missile Magazines, shown in square feet.

Medical Facilities - Hospitals, Medical/Dental Clinics, etc., shown in square feet.

Table 3-B: MILCON Requirements

Gaining Base Name: Norfolk Naval Shipyard			
Category (Unit)	New Construction Requirement	Rehabilitation Requirement	Comment
Horizontal (SY)			
Berthing (FB)			
Air Maintenance (SF)			
Other Operations (SF)			
Administrative (SF)			
Training (SF)			
Maintenance (SF)			
Bachelor Quarters (SF)			
Supply/Storage (SF)	0	30,000	Special requirements include high bay storage. High bays already present in targeted building. Note 1 R
Dining Facilities (SF)			
Personnel Support (SF)			
Communications (SF)			
Ship Maintenance (SF)	0	100,000	Special Requirements: clean room, test stands, rocket motor slab, high pressure air, 75-ton bridge crane. Work area must be high bay; targeted building already has high bay area. Note 1 R
RDT&E (SF)			
POL Storage (BL)			
Ammo Storage (SF)			
Medical Facilities (SF)			
Environmental	$	$	
Other: - -	 $ $	 $ $	

Note:

1 The building currently targeted for reconfiguration/rehabilitation has 167,000 sf; it is impractical to fail to rehab the remaining 37,000 sf.

NAVAL SURFACE WARFARE CENTER
CRANE DIVISION
GAINING BASE CERTIFICATION
REVISION SCENARIO 2-14-0114-12A
BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

In accordance with policy set forth by the Secretary of the Navy, personnel of the Department of the Navy, uniformed and civilian, who provide information for use in the BRAC-95 process are required to provide a signed certification that states "I certify that the information contained herein is accurate and complete to the best of my knowledge and belief."

The signing of this certification constitutes a representation that the certifying official has reviewed the information and either (1) personally vouches for its accuracy and completeness or (2) has possession of, and is relying upon, a certification executed by a competent subordinate.

Each individual in your activity generating information for the BRAC-95 process must certify that information. Enclosure (1) is provided for individual certifications and may be duplicated as necessary. You are directed to maintain those certifications at your activity for audit purposes. For purpose of this certification sheet, the commander of the activity will begin the certification process and each reporting senior in the Chain of Command reviewing the information will also sign this certification sheet. This sheet must remain attached to the package and be forwarded up the Chain of Command. Copies must be retained by each level in the Chain of Command for audit purposes.

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

ACTIVITY COMMANDER

J. M. CARNEY
NAME (Please type or print)

JMCarney
Signature

COMMANDER
Title

12/20/94
Date

CRANE DIVISION, NSWC
Activity

Complete a separate Enclosure (3) - Gaining Base Questions, as appropriate, for each "gaining" base involved in the closure/realignment scenario. Make additional copies of this enclosure as necessary. Tables included in this enclosure are 3-A and 3-B. Enter the name of the Gaining Base in the block below.

Gaining Base:	Crane Division, Naval Surface Warfare Center, Crane Site

Table 3-A - Dynamic Base Information. Complete the following "Supporting Data" section. Then, summarize this data in the Summary Data Table (3-A) that immediately follows this "Supporting Data" section. Show all entries in ($000).

Table 3-A: Supporting Data

a. Other One-Time Unique Costs. This item has been divided into two sections. First, separately identify any Community Infrastructure Impact costs. Second, separately identify any other One-Time Unique costs. **Finally, when transferring these figures to the Summary Data Table (3-A), combine both sets of numbers into one "Other One-Time Unique Costs" answer (by year).**

a. (1) Community Infrastructure Impacts. Identify any cost impacts on community infrastructure at gaining bases which would result from the transfer of functions/personnel, e.g., requirement to build new sewage treatment facility, etc. For each cost, identify the amount, year in which it would be incurred, location (city, etc.), and a brief description of the requirement. Answers must be consistent with certified data contained in the gaining base's Data Call 65, "Economic and Community Infrastructure Data", response. Ensure that adequate coordination takes place, especially in those cases where the gaining and losing base are in different claimancies. **Remember to aggregate this answer with 2.a.(2) costs on the next page, if any, when transferring data to Summary Table.**

Gaining Base: Crane Division, Naval Surface Warfare Center, Crane Site

	Cost	FY	Location	Description
1.	None			No impact on local community

a. (2) Other Unique One-Time Costs. Identify any other one-time unique costs at the gaining base which will not be calculated automatically by the COBRA algorithms (as noted in the Introduction section). Examples include use of temporary office space, etc. Only costs directly attributable to the closure/realignment action should be identified. This area should not be used to identify routine moving or personnel costs, which are calculated automatically by the COBRA algorithms, nor should it be used to identify one-time unique moving costs which will be addressed in the Losing Base tables (enclosure (2)). For each unique one-time cost, identify the amount, year in which the cost will be incurred and describe the nature of the cost. Do not double count any costs identified on Losing Base tables (Enclosure (2)). **Remember to aggregate with 2.a.(1) costs on the previous page, if any, when transferring data to Summary Table.**

Gaining Base: Crane Division, Naval Surface Warfare Center, Crane Site

	Cost	FY	Description
1.	200	96	Cost to vacate portion of B-41
2.	4359	98	Recertification of production processes/personnel
3.	1890	96	Industrial Process Documentation
4.	1890	97	Industrial Process Documentation
5.	651	96	CIWS - Pneumatic Test Facility
6.	500	96	CIWS - System Overhaul Facility
7.	400	97	CIWS - System Overhaul Facility
8.	750	97	CIWS - Certification of Test Systems
9.	175	97	Installation of chrome plating capability in B-3234
10.	150	97	Paint booth installation in B-41
11.	100	96	Equipment transition and layout planning contract
12.	500	97	Equipment installation and setup costs
13.	15	97	Security provisions for Code 304 mockup at Bldg 180
14.	550	97	Anechoic Chamber Modifications
15.	450	98	New NC Programs
16.	1,000	97	Machine Equipment
17.	500	98	Set up and calibrate Outdoor Final Test Range
18.	218	96	CIWS facility

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b. Other One-Time Unique Savings. Identify any other one-time unique savings at the gaining base which will not be calculated automatically by the COBRA algorithms (as noted in the Introduction section). This area should not be used to identify routine moving or personnel savings, which are calculated automatically by the COBRA algorithms. Do not include MILCON Cost Avoidances (which were identified in a separate data call), or Procurement Cost Avoidances (which are covered in the losing base enclosure). For each savings, identify the amount, year in which it will occur and describe the nature of the savings. Only savings directly attributable to the closure/realignment action should be identified. Do not double count any savings identified on Losing Base tables (Enclosure (2)).

Gaining Base: Crane Division, Naval Surface Warfare Center, Crane Site

	Cost	FY	Description
1.	None identified		

c. Environmental Mitigation. Environmental cleanup costs at closing bases are not considered in COBRA, since these costs will be incurred regardless of whether the activity is closed or remains opened. If, however, additional environmental costs are incurred at gaining bases as the result of a transfer of functions or personnel, these costs should be identified, e.g., wetland mitigation, environmental impact statements at gaining bases, new permits, etc. Identify below any non-Military Construction environmental mitigation costs which will be incurred as a result of this closure/realignment action. (Note: Military Construction Costs for environmental mitigation are identified in Table 3-B). For each cost, identify the amount, year in which the cost will be incurred and a brief description of the cost.

Gaining Base: Crane Division, Naval Surface Warfare Center, Crane Site

	Cost	FY	Description
1.	None identified		

d. Miscellaneous Recurring Costs. Identify any other recurring costs associated with the closure/realignment action at the gaining base which will not be calculated automatically by the COBRA algorithms (as noted in the Introduction section), e.g., new leases of facilities or equipment, etc. For each cost, identify the year in which the cost will begin and describe the nature of the cost. Only costs directly attributable to the closure/realignment action should be identified. (Do not include changes in non-payroll BOS, Family Housing Operations, housing allowances or CHAMPUS costs, all of which are calculated by other COBRA algorithms.). Do not double count any costs identified on Losing Base tables (Enclosure (2)).

Gaining Base: Crane Division, Naval Surface Warfare Center, Crane Site

Annual Cost	FY	Description
1. None identified		

e. Miscellaneous Recurring Savings. Identify any other recurring savings associated with the closure/realignment action which will not be calculated automatically by the model, e.g., elimination of leases of facilities or equipment, etc. For the savings, identify the year in which each will begin and describe the nature of the savings. Only savings directly attributable to the closure/realignment action should be identified. (Do not include changes in non-payroll BOS, Family Housing Operations, housing allowances, CHAMPUS costs or salary savings for eliminated positions/billets, all of which are calculated by other COBRA algorithms.). Do not double count any savings identified on Losing Base tables (Enclosure (2)).

Gaining Base: Crane Division, Naval Surface Warfare Center, Crane Site

	Annual Savings	FY	Description
1.	None identified		

f. Land Purchases. Identify any land purchases required at gaining bases to accommodate relocating activities/functions. Identify the cost, number of acres, year in which purchase will occur and a brief description identifying why the land needs to be purchased.

Gaining Base: Crane Division, Naval Surface Warfare Center, Crane Site

	Cost	No. of Acres	FY	Description
1.	None required			

Summarize data shown in response to supporting data questions a. through f. above in the following table:

Table 3-A: Dynamic Base Information

Gaining Base Name: Crane Division, Naval Surface Warfare Center, Crane Site								
		1996	1997	1998	1999	2000	2001	Total
a.	One-Time Unique Costs *	3559 R	5430R	5309	0	0	0	14298R
b.	One-Time Unique Savings	0	0	0	0	0	0	0
c.	Environ. Mitigation	0	0	0	0	0	0	0
d.	Misc. Recurring Costs	0	0	0	0	0	0	0
e.	Misc. Recurring Savings	0	0	0	0	0	0	0
f.	Land Purchases	0	0	0	0	0	0	0

R

* Includes both Community Infrastructure Impact and Other One-Time Unique Costs, as applicable.

Table 3-B - Military Construction Requirements. Identify the amount of new construction or rehabilitation (using the designated unit of measure) which will be required at the receiving site. Include a brief description of the requirement in the Comment column.

- Do not include Family Housing construction requirements on this table, they will be identified on a separate data call format.

- The COBRA MILCON algorithm will estimate the cost of MILCON requirements for the standard categories of construction listed on the next page. However, if an engineered estimate(s) is already available, then a dollar value for the requirement(s) should be identified in the "Comment" column of the table.

- Any identified Environmental Mitigation MILCON projects must include a total cost and brief description of the requirement in the "Comment" column of the table.

- The "Other" row is provided to identify MILCON requirements which do not fit the standard construction categories, e.g., dry docks, SCIF conversions, aircraft wash racks, etc. Enter a total cost and brief description for each identified requirement. For these "unique" categories of construction, a square footage estimate should also be indicated, if possible.

For Rehabilitation Requirements: if entered as a "unit of measure" (e.g., SF, etc.), then corresponding costs will be calculated at 75% of the cost of new construction (worst-case cost estimate for rehabilitation costs). If the rehabilitation will involve renovation at an anticipated rate of less than 75%, then in addition to identifying the requirement (SF, etc.), enter in the Comment block either a rehabilitation cost or an appropriate percentage which should be used in lieu of the 75% rate.

Show any cost entries in ($000).

Description of "Units of Measure" used in Table 3-B:

SY - Square Yards
FB - Feet of Berthing
SF - Square Feet
BL - Barrels

Description of standard "Categories of Construction" used in Table 3-B (including examples of types of construction included in these categories):

Horizontal - Aprons/Paving (Aircraft Parking Aprons, Combat Aircraft Ordnance Loading Areas, etc.), shown in square yards.

Berthing - General Purpose Berthing Piers, shown in feet of berthing.

Air Maintenance - Maintenance Hangers (General Purpose, High Bay, etc.), shown in square feet.

Other Operations - General Purpose Operations Facilities (Aircraft, Ordnance, Amphibious, Headquarters, etc.), shown in square feet.

Administrative - Administrative space (General Purpose and ADP), shown in square feet.

Training - Training Facilities (Academic, Reserve, Applied Instruction, Recruit Processing, Operational Trainers, etc.), shown in square feet.

Maintenance - Non-Weapons facilities (Vehicles, Electronics, Public Works, etc.), shown in square feet.

Bachelor Quarters - Barracks, Dormitories or Unmarked Officer Quarters, shown in square feet.

Supply/Storage - Operational Storage, Cold Storage, General Warehouse, etc., shown in square feet.

Dining Facilities - Enlisted Mess Hall, shown in square feet.

Personnel Support - Fire, Police, Family Service Centers, MWR, Child Care, etc., shown in square feet.

Communications - Other Communications Facilities, (Communications Centers, Telephone Exchanges, Terminal Equipment, Radar Air Traffic Control Center, etc.), shown in square feet.

Ship Maintenance - Shore Intermediate Maintenance, Waterfront Services, Amphibian Vehicle Maintenance, etc., shown in square feet.

RDT&E - Other Research, Development, Test and Evaluation (RDT&E) facilities (Aircraft, Ship, Underwater, Electronics, etc.) (does not include Ammo/Propulsion Labs), shown in square feet.

POL Storage - Jet Engine Fuel Storage, shown in barrels.

Ammo Storage - General Purpose, High Explosive, Small Arms and Missile Magazines, shown in square feet.

Medical Facilities - Hospitals, Medical/Dental Clinics, etc., shown in square feet.

1. SPACE REQUIREMENTS - It is estimated that facility requirements for CIWS depot operations total 235,000 square feet. Crane plans to accommodate this work in the following manner.

PRODUCTION SPACES - 100,000 sq. ft. of space within B-41 will require rehab to accommodate production and engineering office spaces. It is estimated that the break-down of these spaces are 86,000 square feet of production space and 14,000 square feet of engineering offices.

MODULE REPAIR SPACES - 20,000 square feet required for the electronic module and repair spaces will be provided within existing spaces within the Electronic Module Maintenance Bldg (B-3241).

STORAGE SPACES - 115,000 square feet of storage spaces will be accommodated in existing spaces in B-40 and B-41.

2. REHAB - The rehab of B-41 entails reconfiguration of existing spaces, extension of utilities, and installation of air conditioning where required in this industrial building. Utility service such as electricity, low pressure compressed air, and chilled water already exist within the building.

3. COSTS - Costs identified for the rehab of B-41 spaces are estimated at an average cost of $20/square foot over the 100,000 square feet area. However, approximately 50,000 square feet of this space is <u>existing</u> office and high power electronic lab spaces which require minimal rehab. The remaining 50,000 square feet has been utilized for large industrial operations and will require additional renovation costs of approximately $35/square foot. In addition, one-time unique costs allocate $500K for the set-up of equipment and $200K for vacating B-41 of residual equipment.

4. COST AVOIDANCES - Certain CIWS requirements can be accomplished in exiting capability and capacity or assets can be reutilized.

- The Automated Storage and Retrieval System will not be replicated. This capability already exist within B-41. The anechoic chamber will be torn down and rebuilt at the Crane site for $550K.

- The current Pneumatic Test facility will be relocated from B-102 at Louisville to Crane B-41. The compressors and high pressure storage tanks will be moved. One-time unique costs allocate $651K to set-up and certify this asset.

- A paint spray booth is also planned to be installed within B-41 to accommodate the size of booth for CIWS. $150K is allocated for this requirement within the one-time unique costs.

- $175K is allocated for the modifications to Corrosion Control facility (B-3234) to accommodate the hard chrome requirements of CIWS. The existing facility combined with these planned modifications will accommodate CIWS plating requirements.

- Small machine shop requirements for CIWS depot will be met through the Crane Army Ammunition Activity (CAAA) machine shop. This shop is a tenant activity located at NSWC Crane. Capabilities and capacity exist to meet CIWS workload.

Workload Transition Planning

CONCEPT - An extensive and detailed plan is intended for the relocation of the CIWS workload so as to achieve a timely transition. It is planned that an industrial engineering firm would be utilized to lay-out spaces within B-41 to emulate the Louisville (B-102) CIWS facility. This lay-out would be utilized in the design of the rehabilitation requirements for B-41.

This effort would be accomplished in the initial 3 months starting in the third quarter of FY96. Once the initial planning is completed, design efforts will begin and be completed in 6 months, fourth quarter of FY96 and first quarter of FY97. Award of the rehabilitation contract is expected by at the beginning of the second quarter of FY96. The contractor would be allowed a 9 month time frame for the rehabilitation effort.

During the initial 24 month time period, a 12 month supply of assets would be produced ahead to accommodate the shutdown of operations. It is planned that production would be shut down for the last 12 months of FY98.

DETAILS - Advanced planning will be required to prepare for the orderly movement of equipment and assets from Louisville to Crane. It is anticipated that each item will be tagged in advance with location, utility and packing requirements. Scheduled shipments of the material and equipment will allow timely transition of the equipment from Louisville (B-102). Rapid re-establishment of the equipment at Crane will be accomplished in a similar procedure with a designated location for each piece of equipment. A well-engineered and planned move should minimize production down time.
Material assets can be moved in a similar manner to facilitate the production requirements and complete the move by the end of FY97.

SCHEDULE REALISM - It is believed that this schedule is achievable because of the knowledge that exists at Crane of similar electronic systems with comparable technologies. The digital and high frequency electronics knowledge coupled with the automatic test and software expertise that exists at Crane are believed to mitigate the risks involved in the movement of an operation such as CIWS. Finally, experience gained working on Electronic Warfare (EW) and radar systems provide a good cadre of personnel to assist in the reestablishment of the capability.

Table 3-B: MILCON Requirements

Gaining Base Name: Crane Division, Naval Surface Warfare Center, Crane Site

Category (Unit)	New Construction Requirement	Rehabilitation Requirement	Comment
Horizontal (SY)	0	0	
Berthing (FB)	0	0	
Air Maintenance (SF)	0	0	
Other Operations (SF)	0	0	
Administrative (SF)	0	0	
Training (SF)	0	0	
Maintenance (SF)	0	100,000	Renovate B-41 - 100,000SF @$20SF
Bachelor Quarters (SF)	0	0	
Supply/Storage (SF)	0	0	
Dining Facilities (SF)	0	0	
Personnel Support (SF)	0	0	
Communications (SF)	0	0	
Ship Maintenance (SF)	0	3,500	Estimated cost of $650K to modify existing building and construct MK75 and MK 45 test platforms
RDT&E (SF)	0	0	
POL Storage (BL)	0	0	
Ammo Storage (SF)	0	0	
Medical Facilities (SF)	0	0	
Environmental	$0	$0	
Other: - - -	 $ $ $	 $ $ $	

Port Hueneme Division, Naval Surface Warfare Center

BSAT Scenarios - 2-14-0114-012 and 2-14-0117-013
Revision A

Reference: SECNAVNOTE 11000 of 08 December 1993

In accordance with policy set forth by the Secretary of the Navy, personnel of the Department of the Navy, uniformed and civilian, who provide information for use in the BRAC-95 process are required to provide a signed certification that states "I certify that the information contained herein is accurate and complete to the best of my knowledge and belief."

The signing of this certification constitutes a representation that the certifying official has reviewed the information and either (1) personally vouches for its accuracy and completeness or (2) has possession of, and is relying upon, a certification executed by a competent subordinate.

Each individual in your activity generating information for the BRAC-95 process must certify that information. Enclosure (1) is provided for individual certifications and may be duplicated as necessary. You are directed to maintain those certifications at your activity for audit purposes. For purposes of this certification sheet, the commander of the activity will begin the certification process and each reporting senior in the Chain of Command reviewing the information will also sign this certification sheet. This sheet must remain attached to this package and be forwarded up the Chain of Command. Copies must be retained by each level in the Chain of Command for audit purposes.

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

ACTIVITY COMMANDER

Capt John Scott Beachy
NAME (Please type or print)

Signature

Commanding Officer
Title

21 DEC 1994
Date

PHD NSWC
Activity

BRAC-95 SCENARIO DEVELOPMENT DATA CALL
ENCLOSURE (3) - GAINING BASE QUESTIONS

Complete a separate Enclosure (3) - Gaining Base Questions, as appropriate, for each "gaining" base involved in the closure/realignment scenario. Make additional copies of this enclosure as necessary. Tables included in this enclosure are 3-A and 3-B. Enter the name of the Gaining Base in the block below.

Gaining Base:	NAVAL SURFACE WARFARE CENTER, PORT HUENEME DIVISION, PORT HUENEME, CA

Table 3-A - Dynamic Base Information. Complete the following "Supporting Data" section. Then, summarize this data in the Summary Data Table (3-A) that immediately follows this "Supporting Data" section. Show all entries in ($000).

Table 3-A: Supporting Data

a. Other One-Time Unique Costs. This item has been divided into two sections. First, separately identify any Community Infrastructure Impact costs. Second, separately identify any other One-Time Unique costs. **Finally, when transferring these figures to the Summary Data Table (3-A), combine both sets of numbers into one "Other One-Time Unique Costs" answer (by year).**

a. (1) Community Infrastructure Impacts. Identify any cost impacts on community infrastructure at gaining bases which would result from the transfer of functions/personnel, e.g., requirement to build new sewage treatment facility, etc. For each cost, identify the amount, year in which it would be incurred, location (city, etc.), and a brief description of the requirement. Answers must be consistent with certified data contained in the gaining base's Data Call 65, "Economic and Community Infrastructure Data", response. Ensure that adequate coordination takes place, especially in those cases where the gaining and losing base are in different claimancies. **Remember to aggregate this answer with 2.a.(2) costs on the next page, if any, when transferring data to Summary Table.**

Gaining Base: NSWC PHD

	Cost	FY	Location	Description
1.	NONE			

Enclosure (3)

BRAC-95 SCENARIO DEVELOPMENT DATA CALL
ENCLOSURE (3) - GAINING BASE QUESTIONS

a. (2) Other Unique One-Time Costs. Identify any other one-time unique costs at the gaining base which will not be calculated automatically by the COBRA algorithms (as noted in the Introduction section). Examples include use of temporary office space, etc. Only costs directly attributable to the closure/realignment action should be identified. This area should not be used to identify routine moving or personnel costs, which are calculated automatically by the COBRA algorithms, nor should it be used to identify one-time unique moving costs which will be addressed in the Losing Base tables (enclosure (2)). For each unique one-time cost, identify the amount, year in which the cost will be incurred and describe the nature of the cost. Do not double count any costs identified on Losing Base tables (Enclosure (2)). **Remember to aggregate with 2.a.(1) costs on the previous page, if any, when transferring data to Summary Table.**

Gaining Base: NSWC PHD

	Cost	FY	Description
1.	$206K	98	Office Space Refurbishment
	$200K	99	Site Preparation for MK 45 and MK 75 Gun Weapon Systems*
	$ 30K	99	Security and Environment Controls

*The MK 45 and MK 75 systems and components are the only equipments requiring relocation to perform gun weapon system ISE at NSWC PHD. All other systems and components can be supported without relocation of equipment. MK15 CIWS will be supported using the MK15 system already scheduled for installation on the Self Defense Test Ship.

b. Other One-Time Unique Savings. Identify any other one-time unique savings at the gaining base which will not be calculated automatically by the COBRA algorithms (as noted in the Introduction section). This area should not be used to identify routine moving or personnel savings, which are calculated automatically by the COBRA algorithms. Do not include MILCON Cost Avoidances (which were identified in a separate data call), or Procurement Cost Avoidances (which are covered in the losing base enclosure). For each savings, identify the amount, year in which it will occur and describe the nature of the savings. Only savings directly attributable to the closure/realignment action should be identified. Do not double count any savings identified on Losing Base tables (Enclosure (2)).

Gaining Base: NSWC PHD

	Cost	FY	Description
1.	NONE		

Enclosure (3)

DEC-21-1994 13:24 FROM PX-360 (NAM)V1.19 256K TO 9502364568I P.03/09

BRAC-95 SCENARIO DEVELOPMENT DATA CALL
ENCLOSURE (3) - GAINING BASE QUESTIONS

c. **Environmental Mitigation.** Environmental cleanup costs at closing bases are not considered in COBRA, since these costs will be incurred regardless of whether the activity is closed or remains opened. If, however, additional environmental costs are incurred at gaining bases as the result of a transfer of functions or personnel, these costs should be identified, e.g., wetland mitigation, environmental impact statements at gaining bases, new permits, etc. Identify below any non-Military Construction environmental mitigation costs which will be incurred as a result of this closure/realignment action. (Note: Military Construction Costs for environmental mitigation are identified in Table 3-B). For each cost, identify the amount, year in which the cost will be incurred and a brief description of the cost.

Gaining Base: NSWC PHD

	Cost	FY	Description
1.	NONE		

d. **Miscellaneous Recurring Costs.** Identify any other recurring costs associated with the closure/realignment action at the gaining base which will not be calculated automatically by the COBRA algorithms (as noted in the Introduction section), e.g., new leases of facilities or equipment, etc. For each cost, identify the year in which the cost will begin and describe the nature of the cost. Only costs directly attributable to the closure/realignment action should be identified. (Do not include changes in non-payroll BOS, Family Housing Operations, housing allowances or CHAMPUS costs, all of which are calculated by other COBRA algorithms.). Do not double count any costs identified on Losing Base tables (Enclosure (2)).

Gaining Base: NSWC PHD

	Annual Cost	FY	Description
1.	NONE		

DEC-21-1994 13:25 FROM PX-360 (NAM)V1.19 256K 1U 95025645681 P.04/09

BRAC-95 SCENARIO DEVELOPMENT DATA CALL
ENCLOSURE (3) - GAINING BASE QUESTIONS

e. Miscellaneous Recurring Savings. Identify any other recurring savings associated with the closure/realignment action which will not be calculated automatically by the model, e.g., elimination of leases of facilities or equipment, etc. For the savings, identify the year in which each will begin and describe the nature of the savings. Only savings directly attributable to the closure/realignment action should be identified. (Do not include changes in non-payroll BOS, Family Housing Operations, housing allowances, CHAMPUS costs or salary savings for eliminated positions/billets, all of which are calculated by other COBRA algorithms.). Do not double count any savings identified on Losing Base tables (Enclosure (2)).

Gaining Base: NSWC PHD

	Annual Savings	FY	Description
1.	NONE		

f. Land Purchases. Identify any land purchases required at gaining bases to accommodate relocating activities/functions. Identify the cost, number of acres, year in which purchase will occur and a brief description identifying why the land needs to be purchased.

Gaining Base: NSWC PHD

	Cost	No. of Acres	FY	Description
1.	NONE			

Enclosure (3)

DEC-21-1994 13:26 FROM PX-360 (NAM)V1.19 256K TO 95025645681 P.03/09

BRAC-95 SCENARIO DEVELOPMENT DATA CALL
ENCLOSURE (3) - GAINING BASE QUESTIONS

Summarize data shown in response to supporting data questions a. through f. above in the following table:

Table 3-A: Dynamic Base Information

Gaining Base Name: NSWC PHD PORT HUENEME, CA								
		1996	1997	1998	1999	2000	2001	Total
a.	One-Time Unique Costs *	0	0	$206K	$230K	0	0	$436K
b.	One-Time Unique Savings	0	0	0	0	0	0	0
c.	Environ. Mitigation	0	0	0	0	0	0	0
d.	Misc. Recurring Costs	0	0	0	0	0	0	0
e.	Misc. Recurring Savings	0	0	0	0	0	0	0
f.	Land Purchases	0	0	0	0	0	0	0

* Includes both Community Infrastructure Impact and Other One-Time Unique Costs, as applicable.

RJM 1/25/95

DEC-21-1994 13:26 FROM FX-360 (NHM)01.19 25GK TO 95025845581 P.06/09

Table 3-B - Military Construction Requirements. Identify the amount of new construction or rehabilitation (using the designated unit of measure) which will be required at the receiving site. Include a brief description of the requirement in the Comment column.

- Do not include Family Housing construction requirements on this table, they will be identified on a separate data call format.

- The COBRA MILCON algorithm will estimate the cost of MILCON requirements for the standard categories of construction listed on the next page. However, if an engineered estimate(s) is already available, then a dollar value for the requirement(s) should be identified in the "Comment" column of the table.

- Any identified Environmental Mitigation MILCON projects must include a total cost and brief description of the requirement in the "Comment" column of the table.

- The "Other" row is provided to identify MILCON requirements which do not fit the standard construction categories, e.g., dry docks, SCIF conversions, aircraft wash racks, etc. Enter a total cost and brief description for each identified requirement. For these "unique" categories of construction, a square footage estimate should also be indicated, if possible.

For Rehabilitation Requirements: if entered as a "unit of measure" (e.g., SF, etc.), then corresponding costs will be calculated at 75% of the cost of new construction (worst-case cost estimate for rehabilitation costs). If the rehabilitation will involve renovation at an anticipated rate of less than 75%, then in addition to identifying the requirement (SF, etc.), enter in the Comment block either a rehabilitation cost or an appropriate percentage which should be used in lieu of the 75% rate.

Show any cost entries in ($000).

Description of "Units of Measure" used in Table 3-B:

SY - Square Yards
FB - Feet of Berthing
SF - Square Feet
BL - Barrels

Description of standard "Categories of Construction" used in Table 3-B (including examples of types of construction included in these categories):

Horizontal - Aprons/Paving (Aircraft Parking Aprons, Combat Aircraft Ordnance Loading Areas, etc.), shown in square yards.

Berthing - General Purpose Berthing Piers, shown in feet of berthing.

BRAC-95 SCENARIO DEVELOPMENT DATA CALL
ENCLOSURE (3) - GAINING BASE QUESTIONS

Air Maintenance - Maintenance Hangers (General Purpose, High Bay, etc.), shown in square feet.

Other Operations - General Purpose Operations Facilities (Aircraft, Ordnance, Amphibious, Headquarters, etc.), shown in square feet.

Administrative - Administrative space (General Purpose and ADP), shown in square feet.

Training - Training Facilities (Academic, Reserve, Applied Instruction, Recruit Processing, Operational Trainers, etc.), shown in square feet.

Maintenance - Non-Weapons facilities (Vehicles, Electronics, Public Works, etc.), shown in square feet.

Bachelor Quarters - Barracks, Dormitories or Unmarked Officer Quarters, shown in square feet.

Supply/Storage - Operational Storage, Cold Storage, General Warehouse, etc., shown in square feet.

Dining Facilities - Enlisted Mess Hall, shown in square feet.

Personnel Support - Fire, Police, Family Service Centers, MWR, Child Care, etc., shown in square feet.

Communications - Other Communications Facilities, (Communications Centers, Telephone Exchanges, Terminal Equipment, Radar Air Traffic Control Center, etc.), shown in square feet.

Ship Maintenance - Shore Intermediate Maintenance, Waterfront Services, Amphibian Vehicle Maintenance, etc., shown in square feet.

RDT&E - Other Research, Development, Test and Evaluation (RDT&E) facilities (Aircraft, Ship, Underwater, Electronics, etc.) (does not include Ammo/Propulsion Labs), shown in square feet.

POL Storage - Jet Engine Fuel Storage, shown in barrels.

Ammo Storage - General Purpose, High Explosive, Small Arms and Missile Magazines, shown in square feet.

Medical Facilities - Hospitals, Medical/Dental Clinics, etc., shown in square feet.

Table 3-B: MILCON Requirements

Gaining Base Name: **NSWC, PORT HUENEME**

Category (Unit)	New Construction Requirement	Rehabilitation Requirement	Comment
Horizontal (SY)	0	0	
Berthing (FB)	0	0	
Air Maintenance (SF)	0	0	
Other Operations (SF)	0	0	
Administrative (SF)	0	0	
Training (SF)	0	0	
Maintenance (SF)	0	0	
Bachelor Quarters (SF)	0	0	
Supply/Storage (SF)	0	0	
Dining Facilities (SF)	0	0	
Personnel Support (SF)	0	0	
Communications (SF)	0	0	
Ship Maintenance (SF)	0	0	
RDT&E (SF)	0	0	
POL Storage (BL)	0	0	
Ammo Storage (SF)	0	0	
Medical Facilities (SF)	0	0	
Environmental	$0	$0	
Other: - - -	 $ $ $	 $ $ $	

BRAC-95 SCENARIO DEVELOPMENT DATA CALL
ENCLOSURE (3) - GAINING BASE QUESTIONS

SUPPLEMENTAL DATA: RESULTANT SYNERGISTIC SAVINGS TO MISSION COSTS

A recurring reduction of 48 workyears could be realized from the relocation of Naval Surface Warfare Center Crane Division (NSWC CRD) Louisville Detachment gun weapon system In-Service Engineering (ISE) and Naval Drawing Repository functions to Naval Surface Warfare Center Port Hueneme Division (NSWC PHD), based on the following:

1. The Naval Drawing Repository function transferring from NSWC CRD requires the supporting tasks as are currently performed at NSWC PHD. With the synergistic benefits of relocating the Navy's primary Repository to Port Hueneme, the elimination of maintaining duplicate drawings, it is believed that NSWC PHD's future repository workload could be accomplished using the current 46 workyears supporting this function at NSWC CRD. This could result in the elimination of 8 workyears of effort.

2. There are numerous synergistic benefits of relocating the ISE functions for all Navy gun weapon systems, including consolidation of responsibilities for the fire control systems and gun mounts, elimination of the need for redundant gun mount/fire control interface support, combining of efforts currently requiring teaming between the two divisions and elimination of travel now required to coordinate efforts, and streamlining of efforts supporting future gun fire control concepts. Transfer of NSWC CRD gun weapon systems ISE to NSWC PHD will result in more efficient response to the fleet and program sponsors. It is estimated that this synergism could result in the reduction of approximately 40 workyears.

It should be noted that these workload reductions are estimated based on knowledge of current requirements and tasking, and have not been identified to specific programs.

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

In accordance with policy set forth by the Secretary of the Navy, personnel of the Department of the Navy, uniformed and civilian, who provide information for use in the BRAC-95 process are required to provide a signed certification that states "I certify that the information contained herein is accurate and complete to the best of my knowledge and belief."

The signing of this certification constitutes a representation that the certifying official has reviewed the information and either (1) personally vouches for its accuracy and completeness or (2) has possession of, and is relying upon, a certification executed by a competent subordinate.

Each individual in your activity generating information for the BRAC-95 process must certify that information. Enclosure (1) to this attachment is provided for individual certifications and may be duplicated as necessary. You are directed to maintain those certifications at your activity for audit purposes. For purposes of this certification sheet, the commander of the activity will begin the certification process and each reporting senior in the Chain of Command reviewing the information will also sign this certification sheet. This sheet must remain attached to this package and be forwarded up the Chain of Command. Copies must be retained by each level in the Chain of Command for audit purposes.

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

ACTIVITY COMMANDER

J. C. OVERTON, CAPT,USN
NAME (Please type or print)

Signature

COMMANDER
Title

16 Nov 94
Date

NAVAL SURFACE WARFARE CENTER
DAHLGREN DIVISION
Activity

Attachment Two

BRAC-95 SCENARIO DEVELOPMENT DATA CALL
ENCLOSURE (3) - GAINING BASE QUESTIONS

Complete a separate Enclosure (3) - Gaining Base Questions, as appropriate, for each "gaining" base involved in the closure/realignment scenario. Make additional copies of this enclosure as necessary. Tables included in this enclosure are 3-A and 3-B. Enter the name of the Gaining Base in the block below.

Gaining Base:	NSWC, DAHLGREN

Table 3-A - Dynamic Base Information. Complete the following "Supporting Data" section. Then, summarize this data in the Summary Data Table (3-A) that immediately follows this "Supporting Data" section. Show all entries in ($000).

Table 3-A: Supporting Data

a. Other One-Time Unique Costs. This item has been divided into two sections. First, separately identify any Community Infrastructure Impact costs. Second, separately identify any other One-Time Unique costs. **Finally, when transferring these figures to the Summary Data Table (3-A), combine both sets of numbers into one "Other One-Time Unique Costs" answer (by year).**

a. (1) Community Infrastructure Impacts. Identify any cost impacts on community infrastructure at gaining bases which would result from the transfer of functions/personnel, e.g., requirement to build new sewage treatment facility, etc. For each cost, identify the amount, year in which it would be incurred, location (city, etc.), and a brief description of the requirement. Answers must be consistent with certified data contained in the gaining base's Data Call 65, "Economic and Community Infrastructure Data", response. Ensure that adequate coordination takes place, especially in those cases where the gaining and losing base are in different claimancies. **Remember to aggregate this answer with 2.a.(2) costs on the next page, if any, when transferring data to Summary Table.**

Gaining Base: NSWC, DAHLGREN

	Cost	FY	Location	Description
1.	None			

a. (2) Other Unique One-Time Costs. Identify any other one-time unique costs at the gaining base which will not be calculated automatically by the COBRA algorithms (as noted in the Introduction section). Examples include use of temporary office space, etc. Only costs directly attributable to the closure/realignment action should be identified. This area should not be used to identify routine moving or personnel costs, which are calculated automatically by the COBRA algorithms, nor should it be used to identify one-time unique moving costs which will be addressed in the Losing Base tables (enclosure (2)). For each unique one-time cost, identify the amount, year in which the cost will be incurred and describe the nature of the cost. Do not double count any costs identified on Losing Base tables (Enclosure (2)). **Remember to aggregate with 2.a.(1) costs on the previous page, if any, when transferring data to Summary Table.**

Gaining Base: NSWC, DAHLGREN

	Cost	FY	Description
1.	None		

b. Other One-Time Unique Savings. Identify any other one-time unique savings at the gaining base which will not be calculated automatically by the COBRA algorithms (as noted in the Introduction section). This area should not be used to identify routine moving or personnel savings, which are calculated automatically by the COBRA algorithms. Do not include MILCON Cost Avoidances (which were identified in a separate data call), or Procurement Cost Avoidances (which are covered in the losing base enclosure). For each savings, identify the amount, year in which it will occur and describe the nature of the savings. Only savings directly attributable to the closure/realignment action should be identified. Do not double count any savings identified on Losing Base tables (Enclosure (2)).
Gaining Base: NSWC, DAHLGREN

	Cost	FY	Description
1.	None		

c. Environmental Mitigation. Environmental cleanup costs at closing bases are not considered in COBRA, since these costs will be incurred regardless of whether the activity is closed or remains opened. If, however, additional environmental costs are incurred at gaining bases as the result of a transfer of functions or personnel, these costs should be identified, e.g., wetland mitigation, environmental impact statements at gaining bases, new permits, etc. Identify below any non-Military Construction environmental mitigation costs which will be incurred as a result of this closure/realignment action. (Note: Military Construction Costs for environmental mitigation are identified in Table 3-B). For each cost, identify the amount, year in which the cost will be incurred and a brief description of the cost.

Gaining Base: NSWC, DAHLGREN

	Cost	FY	Description
1.	None		

d. Miscellaneous Recurring Costs. Identify any other recurring costs associated with the closure/realignment action at the gaining base which will not be calculated automatically by the COBRA algorithms (as noted in the Introduction section), e.g., new leases of facilities or equipment, etc. For each cost, identify the year in which the cost will begin and describe the nature of the cost. Only costs directly attributable to the closure/realignment action should be identified. (Do not include changes in non-payroll BOS, Family Housing Operations, housing allowances or CHAMPUS costs, all of which are calculated by other COBRA algorithms.). Do not double count any costs identified on Losing Base tables (Enclosure (2)).

Gaining Base: NSWC, DAHLGREN

	Annual Cost	FY	Description
1.	$96K	96	Labor cost difference between NSWCCD, Louisville and NSWCDD, Dahlgren Site

NSWCDD Cost per hour	$69.49	Stabilized Rate
NSWCCD Cost per hour	$62.69	
Increased cost per hour	$ 6.80	
Workyear (Productive)	1760 hours	
Increased cost per WYR	$11,968	
Workyears	8	
Total Increased Cost (Annual)	$95,744.00	

e. Miscellaneous Recurring Savings. Identify any other recurring savings associated with the closure/realignment action which will not be calculated automatically by the model, e.g., elimination of leases of facilities or equipment, etc. For the savings, identify the year in which each will begin and describe the nature of the savings. Only savings directly attributable to the closure/realignment action should be identified. (Do not

include changes in non-payroll BOS, Family Housing Operations, housing allowances, CHAMPUS costs or salary savings for eliminated positions/billets, all of which are calculated by other COBRA algorithms.). Do not double count any savings identified on Losing Base tables (Enclosure (2)).

Gaining Base: NSWC, DAHLGREN

	Annual Savings	FY	Description
1.	None		

f. Land Purchases. Identify any land purchases required at gaining bases to accommodate relocating activities/functions. Identify the cost, number of acres, year in which purchase will occur and a brief description identifying why the land needs to be purchased.

Gaining Base: NSWC, DAHLGREN

	Cost	No. of Acres	FY	Description
1.	None			

Summarize data shown in response to supporting data questions a. through f. above in the following table:

Table 3-A: Dynamic Base Information

Gaining Base Name: **NSWC, DAHLGREN**

		1996	1997	1998	1999	2000	2001	Total
a.	One-Time Unique Costs *	0	0	0	0	0	0	0
b.	One-Time Unique Savings	0	0	0	0	0	0	0
c.	Environ. Mitigation	0	0	0	0	0	0	0
d.	Misc. Recurring Costs	96	0	0	0	0	0	96
e.	Misc. Recurring Savings	0	0	0	0	0	0	0
f.	Land Purchases	0	0	0	0	0	0	0

* Includes both Community Infrastructure Impact and Other One-Time Unique Costs, as applicable.

Table 3-B - Military Construction Requirements. Identify the amount of new construction or rehabilitation (using the designated unit of measure) which will be required at the receiving site. Include a brief description of the requirement in the Comment column.

- Do not include Family Housing construction requirements on this table, they will be identified on a separate data call format.

- The COBRA MILCON algorithm will estimate the cost of MILCON requirements for the standard categories of construction listed on the next page. However, if an engineered estimate(s) is already available, then a dollar value for the requirement(s) should be identified in the "Comment" column of the table.

- Any identified Environmental Mitigation MILCON projects must include a total cost and brief description

of the requirement in the "Comment" column of the table.

- The "Other" row is provided to identify MILCON requirements which do not fit the standard construction categories, e.g., dry docks, SCIF conversions, aircraft wash racks, etc. Enter a total cost and brief description for each identified requirement. For these "unique" categories of construction, a square footage estimate should also be indicated, if possible.

For Rehabilitation Requirements: if entered as a "unit of measure" (e.g., SF, etc.), then corresponding costs will be calculated at 75% of the cost of new construction (worst-case cost estimate for rehabilitation costs). If the rehabilitation will involve renovation at an anticipated rate of less than 75%, then in addition to identifying the requirement (SF, etc.), enter in the Comment block either a rehabilitation cost or an appropriate percentage which should be used in lieu of the 75% rate.

Show any cost entries in ($000).

Description of "Units of Measure" used in Table 3-B:

SY - Square Yards
FB - Feet of Berthing
SF - Square Feet
BL - Barrels

Description of standard "Categories of Construction" used in Table 3-B (including examples of types of construction included in these categories):

Horizontal - Aprons/Paving (Aircraft Parking Aprons, Combat Aircraft Ordnance Loading Areas, etc.), shown in square yards.

Berthing - General Purpose Berthing Piers, shown in feet of berthing.

Air Maintenance - Maintenance Hangers (General Purpose, High Bay, etc.), shown in square feet.

Other Operations - General Purpose Operations Facilities (Aircraft, Ordnance, Amphibious, Headquarters, etc.), shown in square feet.

Administrative - Administrative space (General Purpose and ADP), shown in square feet.

Training - Training Facilities (Academic, Reserve, Applied Instruction, Recruit Processing, Operational Trainers, etc.), shown in square feet.

Maintenance - Non-Weapons facilities (Vehicles, Electronics, Public Works, etc.), shown in square feet.

Bachelor Quarters - Barracks, Dormitories or Unmarked Officer Quarters, shown in square feet.

BRAC-95 SCENARIO DEVELOPMENT DATA CALL
ENCLOSURE (3) - GAINING BASE QUESTIONS

Supply/Storage - Operational Storage, Cold Storage, General Warehouse, etc., shown in square feet.

Dining Facilities - Enlisted Mess Hall, shown in square feet.

Personnel Support - Fire, Police, Family Service Centers, MWR, Child Care, etc., shown in square feet.

Communications - Other Communications Facilities, (Communications Centers, Telephone Exchanges, Terminal Equipment, Radar Air Traffic Control Center, etc.), shown in square feet.

Ship Maintenance - Shore Intermediate Maintenance, Waterfront Services, Amphibian Vehicle Maintenance, etc., shown in square feet.

RDT&E - Other Research, Development, Test and Evaluation (RDT&E) facilities (Aircraft, Ship, Underwater, Electronics, etc.) (does not include Ammo/Propulsion Labs), shown in square feet.

POL Storage - Jet Engine Fuel Storage, shown in barrels.

Ammo Storage - General Purpose, High Explosive, Small Arms and Missile Magazines, shown in square feet.

Medical Facilities - Hospitals, Medical/Dental Clinics, etc., shown in square feet.

Table 3-B: MILCON Requirements

Gaining Base Name: **NSWC, DAHLGREN**

Category (Unit)	New Construction Requirement	Rehabilitation Requirement	Comment
Horizontal (SY)	0	0	
Berthing (FB)	0	0	
Air Maintenance (SF)	0	0	
Other Operations (SF)	0	0	
Administrative (SF)	0	0	
Training (SF)	0	0	
Maintenance (SF)	0	0	
Bachelor Quarters (SF)	0	0	
Supply/Storage (SF)	0	0	
Dining Facilities (SF)	0	0	
Personnel Support (SF)	0	0	
Communications (SF)	0	0	
Ship Maintenance (SF)	0	0	
RDT&E (SF)	0	0	
POL Storage (BL)	0	0	
Ammo Storage (SF)	0	0	
Medical Facilities (SF)	0	0	
Environmental	$0	$0	
Other: - - -	 $ $ $	 $ $ $	

BRAC-95 SCENARIO DEVELOPMENT DATA CALL
ENCLOSURE (3)-E - GAINING BASE QUESTIONS

WATERVLIET ARSENAL REPORTS THEY WILL INCUR A ONE-TIME UNIQUE CAPITAL INVESTMENT COST OF $630,000 TO AUGMENT THEIR CURRENT CAPABILITIES TO REPLICATE THE PLATING WORK CURRENTLY BEING PERFORMED AT NSWC, LOUISVILLE. A CERTIFIED ENCLOSURE (3) WILL BE PROVIDED WHEN AVAILABLE.

BRAC-95 SCENARIO DEVELOPMENT DATA CALL

REVISED AS OF 11-25-94

ATTACHMENT 1: BASE LOADING DATA

Activity: 00197 NAVSURFWARCEN ORDSTA

PART 1: MANPOWER DATA - HOST AND TENANTS. This data is provided to assist you in identifying military billets and civilian positions which will either be relocated or eliminated as a result of closure or realignment. Officer (OFF), Enlisted (ENL) and Civilian (CIV) numbers reflect end strength, not on-board counts. The "Planned Force Structure Reduction" column represents the difference between projected "Beginning of FY 1996" and projected "End of FY 2001" end strength. The source of this data is the BUPERS/NAVCOMPT/CMC data bases in support of the FY 1996/1997 OSD Submit. Review this list and make any necessary annotations, including the addition or deletion of lines of data to accurately reflect the host and tenant population. Note that Military Students (STU) must be shown as an Average On-Board (AOB) count. If a significant student population is located at the activity, then all students need to be identified in this table. Student data need only be provided for the "End of FY 2001" column of the table. If any numbers are changed, please provide a revised set of totals at the end of the listing.

UIC	NAME	MAJOR CLAIMANT	BEGIN FY 1996 OFF	ENL	CIV	STU	PLANNED FORCE STRUCTURE CHANGES OFF	ENL	CIV	STU	END FY 2001 OFF	ENL	CIV	STU
N00197	NAVSURFWARCEN ORDSTA	COMNAVSEASYS	4	6	1,578	0	-1	0	-293	0	3	6	1,285	0
N43050	CUSTOMER SERVICEBRANCH PSA	CINCLANTFLT	0	0	18	0	0	0	0	0	0	0	18	0
N35026	SBC GL CIWS TRA NOS	CNET	0	5	0	0	0	0	0	0	0	5	0	0
N45426	ENGFLDACT NW CO LOUIS	COMNAVFAC	1	0	0	0	0	0	0	0	1	0	0	0
N63467	NAVAL FACILITY ENGINEERING	COMNAVFAC	0	0	38	0	0	0	0	0	0	0	38	0
00197	NSWC CRANE NEW ORLEANS LA	COMNAVSEASYS	0	0	1	0	0	0	0	0	0	0	1	0
63394	NSWSES PORT HUENEME	COMNAVSEASYS	0	0	2	0	0	0	0	0	0	0	2	0
N43636	DEFENSE PRINTING SERVICE	COMNAVSUPSYS	0	0	21	0	0	0	-7	0	0	0	14	0
N00034	DEFENSE FIANCE AND	DFAS	0	0	0	0	0	0	0	0	0	0	0	0
N63854	NAVY CRIMINAL INVESTIGATIVE	DUSN	0	0	18	0	0	0	0	0	0	0	18	0
		TOTALS:	5	11	1,607 1,882	0	-1	0	-300	0	4	11	1307 1,302	0

NOTE: Annotations above reflect changes to tenants based on current manning authorizations.

Louisville 1 of 3

11/10/94

BRAC-95 SCENARIO DEVELOPMENT DATA CALL
ATTACHMENT 1: BASE LOADING DATA

PART 5: TOTAL FACILITY SQUARE FEET. This is the total Class 2 facility square feet, excluding family housing, MWR and utilities, as reported in the Naval Facilities Assets Data Base (NFADB). This figure is used in determining the number of square feet which will be "shut down" as a result of the closure action.

Total Facility Square Feet (in thousands): 1,668

PART 6: BASE OPERATING SUPPORT (BOS) COST DATA. This is the total BOS costs reported for the host and tenant activities in Data Call 66. Please review this data and ensure that it is consistent with FY 1996 OSD Submit budget data. If BOS cost data needs to be revised, specific revisions should be noted on a revised copy of the appropriate Data Call 66 table(s), which should then be returned with this data call response.

			***** O&M, etc. *****				***** DBOF *****				***** TOTAL *****			
UIC	NAME	MAJOR CLAIMANT	RPMA NONPAY	RPMA PAY	OBOS NONPAY	OBOS PAY	RPMA NONPAY	RPMA PAY	OBOS NONPAY	OBOS PAY	RPMA NONPAY	RPMA PAY	OBOS NONPAY	OBOS PAY
00197	NAVSURFWARCENDIVSTA	SOMNAVSEASYSCO	13 ~~26~~	0	21 ~~26~~	305 ~~339~~	2147 ~~2708~~	0	4065 ~~4128~~	19136 ~~19350~~	2160 ~~2718~~	0	4086 ~~4142~~	19441 ~~19691~~
		TOTALS:	13 ~~26~~	0	21 ~~26~~	305 ~~339~~	2147 ~~2708~~	0	4065 ~~4128~~	19136 ~~19350~~	2160 ~~2718~~	0	4086 ~~4142~~	19441 ~~19691~~

* Changes made per FY 96/97 OSD Budget Submit for NSWC, Crane Division.

Louisville 2 of 3

BRAC-95 SCENARIO DEVELOPMENT DATA CALL
ATTACHMENT 1: BASE LOADING DATA

PART 7: CONTRACT WORKYEAR DATA. This is the total contract workyear data reported by the host and tenant activities in Data Call 66. Please review this data, especially the columns regarding contract workyears which will either be eliminated or transferred as a result of the closure/realignment action. Sum of workyears transferred + eliminated + remaining at activity must equal Total Contract Workyears. Annotate corrections as necessary.

	NAME	MAJOR CLAIMANT	TOTAL CONTRACT WORKYEARS	NO. OF WORK-YEARS TO BE TRANSFERRED	NO. OF WORK-YEARS TO BE ELIMINATED	NO. OF WORK-YEARS REMAINING AT ACTIVITY
197	NAVSURFWARCEN ORDSTA	COMNAVSEASYS	143	76	52	15
		TOTALS:	143	76	52	15

No Change

Louisville 3 of 3

11/18/94

additional lines to the table (following line 2j., as necessary, to identify any additional cost elements not currently shown). **Leave shaded areas of table blank.**

R

Table 1A - Base Operating Support Costs (Other Than DBOF Overhead)			
Activity Name: NSWC Louisville		**UIC:** N00197	
Category	**FY 1996 BOS Costs ($000)**		
	Non-Labor	**Labor**	**Total**
1. Real Property Maintenance Costs:			
1a. Maintenance and Repair *	13	0	13
1b. Minor Construction	0	0	0
1c. Sub-total 1a. and 1b.	13	0	13
2. Other Base Operating Support Costs:			
2a. Utilities	14	0	14
2b. Transportation	0	0	0
2c. Environmental	0	0	0
2d. Facility Leases	0	0	0
2e. Morale, Welfare & Recreation	3	0	3
2f. Bachelor Quarters	0	0	0
2g. Child Care Centers	0	0	0
2h. Family Service Centers	0	0	0
2i. Administration	0	4	4
2j. Other (Specify) 1. Retail Supply 2. Other Base	4	301	305
2k. Sub-total 2a. through 2j:	21	305	326
3. Grand Total (sum of 1c. and 2k.):	34	305	339

* Based on percent of total for FY94

R (11/20/94)

b. Funding Source. If data shown on Table 1A reflects more than one appropriation, then please provide a break out of the total shown for the "3. Grand-Total" line, by appropriation:

Appropriation	Amount ($000)	
O&M funds:	$339	R

c. Table 1B - Base Operating Support Costs (DBOF Overhead). This Table should be submitted for all current DBOF activities. Costs reported should reflect BOS costs supporting the DBOF activity itself (usually included in the G&A cost of the activity). For DBOF activities which are tenants on another installation, total cost of BOS incurred by the tenant activity for itself should be shown on this table. It is recognized that differences exist among DBOF activity groups regarding the costing of base operating support: some groups reflect all such costs only in general and administrative (G&A), while others spread them between G&A and production overhead. Regardless of the costing process, all such costs should be included on Table 1B. The Minor Construction portion of the FY 1996 capital budget should be included on the appropriate line. Military personnel costs (at civilian equivalency rates) should also be included on the appropriate lines of the table. Please ensure that individual lines of the table do not include duplicate costs. Also ensure that there is no duplication between data provided on Table 1A. and 1B. These two tables must be mutually exclusive, since in those cases where both tables are submitted for an activity, the two tables will be added together to estimate total BOS costs at the activity. Add additional lines to the table (following line 21., as necessary, to identify any additional cost elements not currently shown). **Leave shaded areas of table blank.**

Other Notes: All costs of operating the five Major Range Test Facility Bases at DBOF activities (even if direct RDT&E funded) should be included on Table 1B. Weapon Stations should include underutilized plant capacity costs as a DBOF overhead "BOS expense" on Table 1B.

DATA CALL 66
INSTALLATION RESOURCES

Table 1B - Base Operating Support Costs (DBOF Overhead)			
Activity Name: NSWC Louisville		UIC: N00197	
Category	FY 1996 Net Cost From UC/FUND-4 ($000)		
	Non-Labor	Labor	Total
1. Real Property Maintenance Costs:			
1a. Real Property Maintenance (>$25K)	514	0	514
1b. Real Property Maintenance (<$25K)	1613	0	1613
1c. Minor Construction (Expensed)	20	0	20
1d. Minor Construction (Capital Budget)	N/A	N/A	N/A
1c. Sub-total 1a. through 1d.	2147	0	2147
2. Other Base Operating Support Costs:			
2a. Command Office	104	1325	1429
2b. ADP Support	1273	2165	3438
2c. Equipment Maintenance	165	0	165
2d. Civilian Personnel Services	79	958	1037
2e. Accounting/Finance	14	426	440
2f. Utilities	402	0	402
2g. Environmental Compliance	713	0	713
2h. Police and Fire	37	905.4	942.4
2i. Safety	19	200	219
2j. Supply and Storage Operations	129	3538	3667
2k. Major Range Test Facility Base Costs	0	0	0
2l. Other (Specify) i. Military Labor	0	447	447
ii. Base Communications	67	0	67
iii. FECA	1362	0	1362
iv. Other Engr. Support (less env.)	214	0	214
v. Other	(513.0)	9171.2	8658.2

R

2m. Sub-total 2a. through 2l:	4065.0	19135.6	23200.6
3. Depreciation	1308.0	0	1308.0
4. Grand Total (sum of 1c., 2m., and 3.) :	7520.0	19135.6	24508.6

R

2. Services/Supplies Cost Data. The purpose of Table 2 is to provide information about projected **FY 1996** costs for the purchase of services and supplies by the activity. **(Note: Unlike Question 1 and Tables 1A and 1B, above, this question is not limited to overhead costs.)** The source for this information, where possible, should be either the NAVCOMPT OP-32 Budget Exhibit for O&M activities or the NAVCOMPT UC/FUND-1/IF-4 exhibit for DBOF activities. Information must reflect FY 1996 budget data supporting the FY 1996 NAVCOMPT Budget Submit. Break out cost data by the major sub-headings identified on the OP-32 or UC/FUND-1/IF-4 exhibit, disregarding the sub-headings on the exhibit which apply to civilian and military salary costs and depreciation. Please note that while the OP-32 exhibit aggregates information by budget activity, this data call requests OP-32 data for the activity responding to the data call. Refer to NAVCOMPTINST 7102.2B of 23 April 1990, Subj: Guidance for the Preparation, Submission and Review of the Department of the Navy (DON) Budget Estimates (DON Budget Guidance Manual) with Changes 1 and 2 for more information on categories of costs identified. Any rows that do not apply to your activity may be left blank. However, totals reported should reflect all costs, exclusive of salary and depreciation.

Table 2 - Services/Supplies Cost Data

Activity Name: NSWC Louisville	**UIC:** N00197
Cost Category	**FY 1996 Projected Costs ($000)**
Travel:	3402
Material and Supplies (including equipment):	31298
Industrial Fund Purchases (other DBOF purchases):	3718
Transportation:	327
Other Purchases (Contract support, etc.):	26195
Total:	64940

R (11/20/94)

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

In accordance with policy set forth by the Secretary of the Navy, personnel of the Department of the Navy, uniformed and civilian, who provide information for use in the BRAC-95 process are required to provide a signed certification that states "I certify that the information contained herein is accurate and complete to the best of my knowledge and belief."

The signing of this certification constitutes a representation that the certifying official has reviewed the information and either (1) personally vouches for its accuracy and completeness or (2) has possession of, and is relying upon, a certification executed by a competent subordinate.

Each individual in your activity generating information for the BRAC-95 process must certify that information. Enclosure (1) to this attachment is provided for individual certifications and may be duplicated as necessary. You are directed to maintain those certifications at your activity for audit purposes. For purposes of this certification sheet, the commander of the activity will begin the certification process and each reporting senior in the Chain of Command reviewing the information will also sign this certification sheet. This sheet must remain attached to this package and be forwarded up the Chain of Command. Copies must be retained by each level in the Chain of Command for audit purposes.

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

ACTIVITY COMMANDER

CAPT JON R. CUMMINGS
NAME (Please type or print)

Signature

COMMANDING OFFICER
Title

2/8/95
Date

NSWC ORDSTA, LOUISVILLE, KY
Activity

Certification for the final integrated package on scenario number # 2-14-0114-012A.

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

J. M. CARNEY
NAME (Please type or print)

J M Carney
Signature

Commander
Title

2/24/95
Date

Crane Division, NSWC
Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

Dr. Ira M. Blatstein
NAME (Please type or print)

Ira M Blatstein
Signature

Technical Director
Title

2/27/95
Date

Naval Surface Warfare Center
Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

MAJOR CLAIMANT LEVEL

NAME (Please type or print)

S. R. Strunk
Signature

Title

2/28/95
Date

Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

C. Geiger
NAME (Please type or print)

C. Geiger
Signature

Acting
Title

3/3/95
Date

Data As Of 12:48 03/21/1995, Report Created 12:48 03/21/1995

Department : NAVY
Option Package : Indy/Louis 028DB
Scenario File : P:\COBRA\BCRC\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Starting Year : 1996
Final Year : 2000
ROI Year : 2002 (2 Years)

NPV in 2015($K): -635,700
1-Time Cost($K): 181,451

Net Costs ($K) Constant Dollars

	1996	1997	1998	1999	2000	2001	Total	Beyond
MilCon	4,705	-2,501	13,656	11,562	0	0	27,422	0
Person	0	-998	-2,754	-10,711	-33,574	-48,016	-96,054	-48,016
Overhd	5,764	4,491	5,318	559	-9,799	-19,954	-13,620	-19,954
Moving	26	3,266	16,619	31,693	14,966	0	66,571	0
Missio	0	0	44	125	144	144	457	144
Other	1,346	4,524	27,186	13,898	4	0	46,958	0
TOTAL	11,842	8,782	60,069	47,126	-28,260	-67,827	31,733	-67,827

	1996	1997	1998	1999	2000	2001	Total
POSITIONS ELIMINATED							
Off	0	0	0	0	10	0	10
Enl	0	0	0	0	0	0	0
Civ	0	46	66	310	442	0	864
TOT	0	46	66	310	452	0	874
POSITIONS REALIGNED							
Off	0	0	1	2	0	0	3
Enl	0	0	2	17	19	0	38
Stu	0	0	0	0	0	0	0
Civ	1	81	744	1,078	535	0	2,439
TOT	1	81	747	1,097	554	0	2,480

Summary:

Combines SDDC 028D and 012B: closure of NAWC Indianapolis and of NSWC Louisville; depot workload to NSYD Norfolk; other workload realigned as appropriate (primarily to NSWC Crane).

Baseline scenario 028Z;
REFINES ONE-TIME COSTS AND WORKLOAD TRANSFER TO WATERVLIET TO REFLECT FINAL CERTIFIED DATA.

Data As Of 12:48 03/21/1995, Report Created 12:48 03/21/1995

Department : NAVY
Option Package : Indy/Louis 028DB
Scenario File : P:\COBRA\BCRC\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Costs ($K) Constant Dollars

	1996	1997	1998	1999	2000	2001	Total	Beyond
MilCon	4,705	8,679	13,656	11,562	0	0	38,602	0
Person	0	260	1,586	4,014	2,131	160	8,152	160
Overhd	5,764	4,646	6,180	9,506	9,816	6,862	42,775	6,862
Moving	26	3,266	16,622	31,710	14,983	0	66,608	0
Missio	0	0	44	125	144	144	457	144
Other	1,551	4,924	27,186	13,898	4	0	47,563	0
TOTAL	12,047	21,775	65,275	70,815	27,078	7,167	204,157	7,167

Savings ($K) Constant Dollars

	1996	1997	1998	1999	2000	2001	Total	Beyond
MilCon	0	11,180	0	0	0	0	11,180	0
Person	0	1,258	4,341	14,725	35,706	48,177	104,207	48,177
Overhd	0	155	862	8,947	19,615	26,816	56,396	26,816
Moving	0	0	3	17	17	0	37	0
Missio	0	0	0	0	0	0	0	0
Other	205	400	0	0	0	0	605	0
TOTAL	205	12,993	5,205	23,689	55,338	74,994	172,424	74,994

TOTAL ONE-TIME COST REPORT (COBRA v5.08) - Page 1/10
Data As Of 12:48 03/21/1995, Report Created 12:48 03/21/1995

Department : NAVY
Option Package : Indy/Louis 028DB
Scenario File : P:\COBRA\BCRC\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

(All values in Dollars)

Category	Cost	Sub-Total
Construction		
Military Construction	38,602,042	
Family Housing Construction	0	
Information Management Account	0	
Land Purchases	0	
Total - Construction		38,602,042
Personnel		
Civilian RIF	5,012,705	
Civilian Early Retirement	1,934,527	
Civilian New Hires	0	
Eliminated Military PCS	45,270	
Unemployment	736,020	
Total - Personnel		7,728,522
Overhead		
Program Planning Support	17,578,452	
Mothball / Shutdown	3,371,250	
Total - Overhead		20,949,702
Moving		
Civilian Moving	44,979,817	
Civilian PPS	12,816,000	
Military Moving	182,439	
Freight	7,821,432	
One-Time Moving Costs	808,000	
Total - Moving		66,607,687
Other		
HAP / RSE	0	
Environmental Mitigation Costs	100,000	
One-Time Unique Costs	47,463,000	
Total - Other		47,563,000
Total One-Time Costs		181,450,953
One-Time Savings		
Military Construction Cost Avoidances	11,180,000	
Family Housing Cost Avoidances	0	
Military Moving	36,998	
Land Sales	0	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	
Total One-Time Savings		11,216,998
Total Net One-Time Costs		170,233,955

Data As Of 12:48 03/21/1995, Report Created 12:48 03/21/1995

Department : NAVY
Option Package : Indy/Louis 028DB
Scenario File : P:\COBRA\BCRC\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NAWC AD INDIANAPOLIS, IN
(All values in Dollars)

Category	Cost	Sub-Total
Construction		
Military Construction	0	
Family Housing Construction	0	
Information Management Account	0	
Land Purchases	0	
Total - Construction		0
Personnel		
Civilian RIF	3,327,583	
Civilian Early Retirement	1,294,607	
Civilian New Hires	0	
Eliminated Military PCS	27,162	
Unemployment	488,592	
Total - Personnel		5,137,944
Overhead		
Program Planning Support	11,455,694	
Mothball / Shutdown	1,286,250	
Total - Overhead		12,741,944
Moving		
Civilian Moving	29,568,965	
Civilian PPS	8,899,200	
Military Moving	143,275	
Freight	1,157,117	
One-Time Moving Costs	0	
Total - Moving		39,768,556
Other		
HAP / RSE	0	
Environmental Mitigation Costs	0	
One-Time Unique Costs	4,000	
Total - Other		4,000
Total One-Time Costs		57,652,445
One-Time Savings		
Military Construction Cost Avoidances	11,180,000	
Family Housing Cost Avoidances	0	
Military Moving	27,072	
Land Sales	0	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	
Total One-Time Savings		11,207,072
Total Net One-Time Costs		46,445,373

Data As Of 12:48 03/21/1995, Report Created 12:48 03/21/1995

Department : NAVY
Option Package : Indy/Louis 028DB
Scenario File : P:\COBRA\BCRC\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NSWC LOUISVILLE, KY
(All values in Dollars)

Category	Cost	Sub-Total
Construction		
Military Construction	0	
Family Housing Construction	0	
Information Management Account	0	
Land Purchases	0	
Total - Construction		0
Personnel		
Civilian RIF	1,685,122	
Civilian Early Retirement	639,920	
Civilian New Hires	0	
Eliminated Military PCS	18,108	
Unemployment	247,428	
Total - Personnel		2,590,578
Overhead		
Program Planning Support	6,122,758	
Mothball / Shutdown	2,085,000	
Total - Overhead		8,207,758
Moving		
Civilian Moving	15,410,852	
Civilian PPS	3,916,800	
Military Moving	39,164	
Freight	6,664,315	
One-Time Moving Costs	808,000	
Total - Moving		26,839,131
Other		
HAP / RSE	0	
Environmental Mitigation Costs	0	
One-Time Unique Costs	364,000	
Total - Other		364,000
Total One-Time Costs		38,001,467
One-Time Savings		
Military Construction Cost Avoidances	0	
Family Housing Cost Avoidances	0	
Military Moving	9,926	
Land Sales	0	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	
Total One-Time Savings		9,926
Total Net One-Time Costs		37,991,540

Data As Of 12:48 03/21/1995, Report Created 12:48 03/21/1995

Department : NAVY
Option Package : Indy/Louis 028DB
Scenario File : P:\COBRA\BCRC\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NSWC CRANE, IN
(All values in Dollars)

Category	Cost	Sub-Total
Construction		
Military Construction	19,115,524	
Family Housing Construction	0	
Information Management Account	0	
Land Purchases	0	
Total - Construction		19,115,524
Personnel		
Civilian RIF	0	
Civilian Early Retirement	0	
Civilian New Hires	0	
Eliminated Military PCS	0	
Unemployment	0	
Total - Personnel		0
Overhead		
Program Planning Support	0	
Mothball / Shutdown	0	
Total - Overhead		0
Moving		
Civilian Moving	0	
Civilian PPS	0	
Military Moving	0	
Freight	0	
One-Time Moving Costs	0	
Total - Moving		0
Other		
HAP / RSE	0	
Environmental Mitigation Costs	100,000	
One-Time Unique Costs	7,704,000	
Total - Other		7,804,000
Total One-Time Costs		26,919,524
One-Time Savings		
Military Construction Cost Avoidances	0	
Family Housing Cost Avoidances	0	
Military Moving	0	
Land Sales	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		26,919,524

Data As Of 12:48 03/21/1995, Report Created 12:48 03/21/1995

Department : NAVY
Option Package : Indy/Louis 028DB
Scenario File : P:\COBRA\BCRC\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NAWC AD PAX RIVER, MD
(All values in Dollars)

Category	Cost	Sub-Total
Construction		
Military Construction	582,000	
Family Housing Construction	0	
Information Management Account	0	
Land Purchases	0	
Total - Construction		582,000
Personnel		
Civilian RIF	0	
Civilian Early Retirement	0	
Civilian New Hires	0	
Eliminated Military PCS	0	
Unemployment	0	
Total - Personnel		0
Overhead		
Program Planning Support	0	
Mothball / Shutdown	0	
Total - Overhead		0
Moving		
Civilian Moving	0	
Civilian PPS	0	
Military Moving	0	
Freight	0	
One-Time Moving Costs	0	
Total - Moving		0
Other		
HAP / RSE	0	
Environmental Mitigation Costs	0	
One-Time Unique Costs	0	
Total - Other		0
Total One-Time Costs		582,000
One-Time Savings		
Military Construction Cost Avoidances	0	
Family Housing Cost Avoidances	0	
Military Moving	0	
Land Sales	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		582,000

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Department : NAVY
Option Package : Indy/Louis 028DB
Scenario File : P:\COBRA\BCRC\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NAWC WPN CHINA LAKE, CA
(All values in Dollars)

Category	Cost	Sub-Total
Construction		
Military Construction	1,170,000	
Family Housing Construction	0	
Information Management Account	0	
Land Purchases	0	
Total - Construction		1,170,000
Personnel		
Civilian RIF	0	
Civilian Early Retirement	0	
Civilian New Hires	0	
Eliminated Military PCS	0	
Unemployment	0	
Total - Personnel		0
Overhead		
Program Planning Support	0	
Mothball / Shutdown	0	
Total - Overhead		0
Moving		
Civilian Moving	0	
Civilian PPS	0	
Military Moving	0	
Freight	0	
One-Time Moving Costs	0	
Total - Moving		0
Other		
HAP / RSE	0	
Environmental Mitigation Costs	0	
One-Time Unique Costs	0	
Total - Other		0
Total One-Time Costs		1,170,000
One-Time Savings		
Military Construction Cost Avoidances	0	
Family Housing Cost Avoidances	0	
Military Moving	0	
Land Sales	0	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	
Total One-Time Savings		0
Total Net One-Time Costs		1,170,000

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Department : NAVY
Option Package : Indy/Louis 028DB
Scenario File : P:\COBRA\BCRC\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NSYD NORFOLK, VA
(All values in Dollars)

Category	Cost	Sub-Total
Construction		
Military Construction	17,734,518	
Family Housing Construction	0	
Information Management Account	0	
Land Purchases	0	
Total - Construction		17,734,518
Personnel		
Civilian RIF	0	
Civilian Early Retirement	0	
Civilian New Hires	0	
Eliminated Military PCS	0	
Unemployment	0	
Total - Personnel		0
Overhead		
Program Planning Support	0	
Mothball / Shutdown	0	
Total - Overhead		0
Moving		
Civilian Moving	0	
Civilian PPS	0	
Military Moving	0	
Freight	0	
One-Time Moving Costs	0	
Total - Moving		0
Other		
HAP / RSE	0	
Environmental Mitigation Costs	0	
One-Time Unique Costs	38,325,000	
Total - Other		38,325,000
Total One-Time Costs		56,059,518
One-Time Savings		
Military Construction Cost Avoidances	0	
Family Housing Cost Avoidances	0	
Military Moving	0	
Land Sales	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		56,059,518

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Department : NAVY
Option Package : Indy/Louis 028DB
Scenario File : P:\COBRA\BCRC\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NTC GREAT LAKES, IL
(All values in Dollars)

Category	Cost	Sub-Total
Construction		
Military Construction	0	
Family Housing Construction	0	
Information Management Account	0	
Land Purchases	0	
Total - Construction		0
Personnel		
Civilian RIF	0	
Civilian Early Retirement	0	
Civilian New Hires	0	
Eliminated Military PCS	0	
Unemployment	0	
Total - Personnel		0
Overhead		
Program Planning Support	0	
Mothball / Shutdown	0	
Total - Overhead		0
Moving		
Civilian Moving	0	
Civilian PPS	0	
Military Moving	0	
Freight	0	
One-Time Moving Costs	0	
Total - Moving		0
Other		
HAP / RSE	0	
Environmental Mitigation Costs	0	
One-Time Unique Costs	0	
Total - Other		0
Total One-Time Costs		0
One-Time Savings		
Military Construction Cost Avoidances	0	
Family Housing Cost Avoidances	0	
Military Moving	0	
Land Sales	0	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	
Total One-Time Savings		0
Total Net One-Time Costs		0

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Department : NAVY
Option Package : Indy/Louis 028DB
Scenario File : P:\COBRA\BCRC\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: WATERVLIET ARMY ARS., NY
(All values in Dollars)

Category	Cost	Sub-Total
Construction		
Military Construction	0	
Family Housing Construction	0	
Information Management Account	0	
Land Purchases	0	
Total - Construction		0
Personnel		
Civilian RIF	0	
Civilian Early Retirement	0	
Civilian New Hires	0	
Eliminated Military PCS	0	
Unemployment	0	
Total - Personnel		0
Overhead		
Program Planning Support	0	
Mothball / Shutdown	0	
Total - Overhead		0
Moving		
Civilian Moving	0	
Civilian PPS	0	
Military Moving	0	
Freight	0	
One-Time Moving Costs	0	
Total - Moving		0
Other		
HAP / RSE	0	
Environmental Mitigation Costs	0	
One-Time Unique Costs	630,000	
Total - Other		630,000
Total One-Time Costs		630,000
One-Time Savings		
Military Construction Cost Avoidances	0	
Family Housing Cost Avoidances	0	
Military Moving	0	
Land Sales	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		630,000

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Department : NAVY
Option Package : Indy/Louis 028DB
Scenario File : P:\COBRA\BCRC\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NSWC PORT HUENEME, CA
(All values in Dollars)

Category	Cost	Sub-Total
Construction		
Military Construction	0	
Family Housing Construction	0	
Information Management Account	0	
Land Purchases	0	
Total - Construction		0
Personnel		
Civilian RIF	0	
Civilian Early Retirement	0	
Civilian New Hires	0	
Eliminated Military PCS	0	
Unemployment	0	
Total - Personnel		0
Overhead		
Program Planning Support	0	
Mothball / Shutdown	0	
Total - Overhead		0
Moving		
Civilian Moving	0	
Civilian PPS	0	
Military Moving	0	
Freight	0	
One-Time Moving Costs	0	
Total - Moving		0
Other		
HAP / RSE	0	
Environmental Mitigation Costs	0	
One-Time Unique Costs	436,000	
Total - Other		436,000
Total One-Time Costs		436,000
One-Time Savings		
Military Construction Cost Avoidances	0	
Family Housing Cost Avoidances	0	
Military Moving	0	
Land Sales	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		436,000

TOTAL MILITARY CONSTRUCTION ASSETS (COBRA v5.08) - Page 1/10
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Department : NAVY
Option Package : Indy/Louis 028DB
Scenario File : P:\COBRA\BCRC\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

All Costs in $K

Base Name	Total MilCon	IMA Cost	Land Purch	Cost Avoid	Total Cost
NAWC AD INDIANAPOLIS	0	0	0	-11,180	-11,180
NSWC LOUISVILLE	0	0	0	0	0
NSWC CRANE	19,115	0	0	0	19,115
NAWC AD PAX RIVER	582	0	0	0	582
NAWC WPN CHINA LAKE	1,170	0	0	0	1,170
NSYD NORFOLK	17,734	0	0	0	17,734
NTC GREAT LAKES	0	0	0	0	0
WATERVLIET ARMY ARS.	0	0	0	0	0
NSWC PORT HUENEME	0	0	0	0	0
Totals:	38,602	0	0	-11,180	27,422

Department : NAVY
Option Package : Indy/Louis 028DB
Scenario File : P:\COBRA\BCRC\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

MilCon for Base: NAWC AD INDIANAPOLIS, IN

All Costs in $K

Description:	MilCon Categ	Using Rehab	Rehab Cost*	New MilCon	New Cost*	Total Cost*
				Total Construction Cost:		0
				+ Info Management Account:		0
				+ Land Purchases:		0
				- Construction Cost Avoid:		11,180
				TOTAL:		-11,180

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

Department : NAVY
Option Package : Indy/Louis 028DB
Scenario File : P:\COBRA\BCRC\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

MilCon for Base: NSWC CRANE, IN

All Costs in $K

Description:	MilCon Categ	Using Rehab	Rehab Cost*	New MilCon	New Cost*	Total Cost*
ADMIN FM INDY	ADMIN	0	n/a	110,000	n/a	8,800
MAINTENANCE FM INDY	MAINT	54,600	6,897	0	0	6,897
SCIF FM INDY	RDT&E	0	n/a	0	n/a	768
SHIP MAINTENANCE FM LOUISVILLE	SHPYD	3,500	n/a	0	n/a	650
MAINTENANCE FM LOUISVILLE	MAINT	100,000	n/a	0	n/a	2,000

Total Construction Cost:	19,115
+ Info Management Account:	0
+ Land Purchases:	0
- Construction Cost Avoid:	0
TOTAL:	19,115

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

Department : NAVY
Option Package : Indy/Louis 028DB
Scenario File : P:\COBRA\BCRC\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

MilCon for Base: NAWC AD PAX RIVER, MD

All Costs in $K

Description:	MilCon Categ	Using Rehab	Rehab Cost*	New MilCon	New Cost*	Total Cost*
ADMIN	ADMIN	21,750	n/a	0	n/a	185
RDT&E	RDT&E	2,560	n/a	0	n/a	22
NETWORK	RDT&E	0	n/a	0	n/a	375

Total Construction Cost:	582
+ Info Management Account:	0
+ Land Purchases:	0
- Construction Cost Avoid:	0
TOTAL:	582

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

Department : NAVY
Option Package : Indy/Louis 028DB
Scenario File : P:\COBRA\BCRC\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

MilCon for Base: NAWC WPN CHINA LAKE, CA

All Costs in $K

Description:	MilCon Categ	Using Rehab	Rehab Cost*	New MilCon	New Cost*	Total Cost*
ADMIN	ADMIN	45,000	n/a	0	n/a	605
MAINTENANCE	MAINT	14,166	n/a	0	n/a	142
RDT&E	RDT&E	5,389	n/a	0	n/a	135
scif	RDT&E	0	n/a	0	n/a	288

Total Construction Cost:	1,170
+ Info Management Account:	0
+ Land Purchases:	0
- Construction Cost Avoid:	0
TOTAL:	1,170

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

Department : NAVY
Option Package : Indy/Louis 028DB
Scenario File : P:\COBRA\BCRC\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

MilCon for Base: NSYD NORFOLK, VA

All Costs in $K

Description:	MilCon Categ	Using Rehab	Rehab Cost*	New MilCon	New Cost*	Total Cost*
STORAGE	STORA	30,000	3,181	0	0	3,181
SHOP SPACE	SHPYD	100,000	14,553	0	0	14,553

Total Construction Cost:	17,734
+ Info Management Account:	0
+ Land Purchases:	0
- Construction Cost Avoid:	0
TOTAL:	17,734

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

PERSONNEL SUMMARY REPORT (COBRA v5.08)
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Department : NAVY
Option Package : Indy/Louis 028DB
Scenario File : P:\COBRA\BCRC\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

PERSONNEL SUMMARY FOR: NAWC AD INDIANAPOLIS, IN

BASE POPULATION (FY 1996):

Officers	Enlisted	Students	Civilians
9	25	0	2,852

FORCE STRUCTURE CHANGES:

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	0	0	0	0	0
Enlisted	2	0	0	0	0	0	2
Students	0	0	0	0	0	0	0
Civilians	-240	0	0	0	0	0	-240
TOTAL	-238	0	0	0	0	0	-238

BASE POPULATION (Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
9	27	0	2,612

PERSONNEL REALIGNMENTS:

To Base: NSWC CRANE, IN

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	1	1	0	0	2
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	1	57	469	470	155	0	1,152
TOTAL	1	57	470	471	155	0	1,154

To Base: NAWC AD PAX RIVER, MD

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	0	0	70	75	0	0	145
TOTAL	0	0	70	75	0	0	145

To Base: NAWC WPN CHINA LAKE, CA

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	0	1	0	0	1
Enlisted	0	0	0	17	0	0	17
Students	0	0	0	0	0	0	0
Civilians	0	0	100	182	0	0	282
TOTAL	0	0	100	200	0	0	300

To Base: NTC GREAT LAKES, IL

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	10	0	10
Students	0	0	0	0	0	0	0
Civilians	0	0	0	0	5	0	5
TOTAL	0	0	0	0	15	0	15

TOTAL PERSONNEL REALIGNMENTS (Out of NAWC AD INDIANAPOLIS, IN):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	1	2	0	0	3
Enlisted	0	0	0	17	10	0	27
Students	0	0	0	0	0	0	0
Civilians	1	57	639	727	160	0	1,584
TOTAL	1	57	640	746	170	0	1,614

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Department : NAVY
Option Package : Indy/Louis 028DB
Scenario File : P:\COBRA\BCRC\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

SCENARIO POSITION CHANGES:

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	0	0	-6	0	-6
Enlisted	0	0	0	0	0	0	0
Civilians	0	0	0	-185	-242	0	-427
TOTAL	0	0	0	-185	-248	0	-433

POSITIONS ELIMINATED (No Salary Savings):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0
Civilians	0	0	0	-601	0	0	-601
TOTAL	0	0	0	-601	0	0	-601

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
0	0	0	0

PERSONNEL SUMMARY FOR: NSWC LOUISVILLE, KY

BASE POPULATION (FY 1996):

Officers	Enlisted	Students	Civilians
5	11	0	1,607

FORCE STRUCTURE CHANGES:

	1996	1997	1998	1999	2000	2001	Total
Officers	-1	0	0	0	0	0	-1
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	-300	0	0	0	0	0	-300
TOTAL	-301	0	0	0	0	0	-301

BASE POPULATION (Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
4	11	0	1,307

PERSONNEL REALIGNMENTS:
To Base: NSWC CRANE, IN

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	2	0	9	0	11
Students	0	0	0	0	0	0	0
Civilians	0	13	71	242	192	0	518
TOTAL	0	13	73	242	201	0	529

To Base: NSYD NORFOLK, VA

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	0	11	34	74	111	0	230
TOTAL	0	11	34	74	111	0	230

Data As Of 12:48 03/21/1995, Report Created 12:48 03/21/1995

Department : NAVY
Option Package : Indy/Louis 028DB
Scenario File : P:\COBRA\BCRC\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

To Base: NSWC PORT HUENEME, CA

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	0	0	0	35	72	0	107
TOTAL	0	0	0	35	72	0	107

TOTAL PERSONNEL REALIGNMENTS (Out of NSWC LOUISVILLE, KY):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	2	0	9	0	11
Students	0	0	0	0	0	0	0
Civilians	0	24	105	351	375	0	855
TOTAL	0	24	107	351	384	0	866

SCENARIO POSITION CHANGES:

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	0	0	-4	0	-4
Enlisted	0	0	0	0	0	0	0
Civilians	0	-46	-66	-125	-200	0	-437
TOTAL	0	-46	-66	-125	-204	0	-441

POSITIONS ELIMINATED (No Salary Savings):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0
Civilians	0	0	0	-15	0	0	-15
TOTAL	0	0	0	-15	0	0	-15

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
0	0	0	0

PERSONNEL SUMMARY FOR: NSWC CRANE, IN

BASE POPULATION (FY 1996, Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
14	83	0	3,256

PERSONNEL REALIGNMENTS:
From Base: NAWC AD INDIANAPOLIS, IN

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	1	1	0	0	2
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	1	57	469	470	155	0	1,152
TOTAL	1	57	470	471	155	0	1,154

From Base: NSWC LOUISVILLE, KY

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	2	0	9	0	11
Students	0	0	0	0	0	0	0
Civilians	0	13	71	242	192	0	518
TOTAL	0	13	73	242	201	0	529

Department : NAVY
Option Package : Indy/Louis 028DB
Scenario File : P:\COBRA\BCRC\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

TOTAL PERSONNEL REALIGNMENTS (Into NSWC CRANE, IN):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	1	1	0	0	2
Enlisted	0	0	2	0	9	0	11
Students	0	0	0	0	0	0	0
Civilians	1	70	540	712	347	0	1,670
TOTAL	1	70	543	713	356	0	1,683

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
16	94	0	4,926

PERSONNEL SUMMARY FOR: NAWC AD PAX RIVER, MD

BASE POPULATION (FY 1996, Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
463	2,361	23	3,119

PERSONNEL REALIGNMENTS:
From Base: NAWC AD INDIANAPOLIS, IN

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	0	0	70	75	0	0	145
TOTAL	0	0	70	75	0	0	145

TOTAL PERSONNEL REALIGNMENTS (Into NAWC AD PAX RIVER, MD):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	0	0	70	75	0	0	145
TOTAL	0	0	70	75	0	0	145

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
463	2,361	23	3,264

PERSONNEL SUMMARY FOR: NAWC WPN CHINA LAKE, CA

BASE POPULATION (FY 1996, Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
143	868	0	4,226

PERSONNEL REALIGNMENTS:
From Base: NAWC AD INDIANAPOLIS, IN

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	0	1	0	0	1
Enlisted	0	0	0	17	0	0	17
Students	0	0	0	0	0	0	0
Civilians	0	0	100	182	0	0	282
TOTAL	0	0	100	200	0	0	300

Department : NAVY
Option Package : Indy/Louis 028DB
Scenario File : P:\COBRA\BCRC\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

TOTAL PERSONNEL REALIGNMENTS (Into NAWC WPN CHINA LAKE, CA):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	0	1	0	0	1
Enlisted	0	0	0	17	0	0	17
Students	0	0	0	0	0	0	0
Civilians	0	0	100	182	0	0	282
TOTAL	0	0	100	200	0	0	300

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
144	885	0	4,508

PERSONNEL SUMMARY FOR: NSYD NORFOLK, VA

BASE POPULATION (FY 1996, Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
75	106	0	8,952

PERSONNEL REALIGNMENTS:
From Base: NSWC LOUISVILLE, KY

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	0	11	34	74	111	0	230
TOTAL	0	11	34	74	111	0	230

TOTAL PERSONNEL REALIGNMENTS (Into NSYD NORFOLK, VA):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	0	11	34	74	111	0	230
TOTAL	0	11	34	74	111	0	230

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
75	106	0	9,182

PERSONNEL SUMMARY FOR: NTC GREAT LAKES, IL

BASE POPULATION (FY 1996, Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
193	2,372	4,711	893

PERSONNEL REALIGNMENTS:
From Base: NAWC AD INDIANAPOLIS, IN

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	10	0	10
Students	0	0	0	0	0	0	0
Civilians	0	0	0	0	5	0	5
TOTAL	0	0	0	0	15	0	15

Department : NAVY
Option Package : Indy/Louis 028DB
Scenario File : P:\COBRA\BCRC\INDYLOUI.CBR
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TOTAL PERSONNEL REALIGNMENTS (Into NTC GREAT LAKES, IL):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	10	0	10
Students	0	0	0	0	0	0	0
Civilians	0	0	0	0	5	0	5
TOTAL	0	0	0	0	15	0	15

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
193	2,382	4,711	898

PERSONNEL SUMMARY FOR: WATERVLIET ARMY ARS., NY

BASE POPULATION (FY 1996, Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
4	0	0	1,553

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
4	0	0	1,553

PERSONNEL SUMMARY FOR: NSWC PORT HUENEME, CA

BASE POPULATION (FY 1996, Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
257	3,452	35	3,512

PERSONNEL REALIGNMENTS:
From Base: NSWC LOUISVILLE, KY

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	0	0	0	35	72	0	107
TOTAL	0	0	0	35	72	0	107

TOTAL PERSONNEL REALIGNMENTS (Into NSWC PORT HUENEME, CA):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	0	0	0	35	72	0	107
TOTAL	0	0	0	35	72	0	107

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
257	3,452	35	3,619

TOTAL PERSONNEL IMPACT REPORT (COBRA v5.08) - Page 1/10
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Department : NAVY
Option Package : Indy/Louis 028DB
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	Rate	1996	1997	1998	1999	2000	2001	Total
CIVILIAN POSITIONS REALIGNING OUT		1	81	744	1,078	535	0	2439
Early Retirement*	10.00%	0	8	74	108	54	0	244
Regular Retirement*	5.00%	0	5	38	55	28	0	126
Civilian Turnover*	15.00%	0	13	112	161	81	0	367
Civs Not Moving (RIFs)*+		0	5	44	65	32	0	146
Civilians Moving (the remainder)		1	50	476	689	340	0	1556
Civilian Positions Available		0	31	268	389	195	0	883
CIVILIAN POSITIONS ELIMINATED		0	46	66	926	442	0	1480
Early Retirement	10.00%	0	5	7	93	44	0	149
Regular Retirement	5.00%	0	2	3	46	22	0	73
Civilian Turnover	15.00%	0	7	10	139	66	0	222
Civs Not Moving (RIFs)*+		0	3	4	55	27	0	89
Priority Placement#	60.00%	0	28	40	556	265	0	889
Civilians Available to Move		0	1	2	37	18	0	58
Civilians Moving		0	1	2	37	18	0	58
Civilian RIFs (the remainder)		0	0	0	0	0	0	0
CIVILIAN POSITIONS REALIGNING IN		1	81	744	1,078	535	0	2439
Civilians Moving		1	51	478	726	358	0	1614
New Civilians Hired		0	30	266	352	177	0	825
Other Civilian Additions		0	0	0	0	0	0	0
TOTAL CIVILIAN EARLY RETIRMENTS		0	13	81	201	98	0	393
TOTAL CIVILIAN RIFS		0	8	48	120	59	0	235
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	28	40	556	265	0	889
TOTAL CIVILIAN NEW HIRES		0	30	266	352	177	0	825

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

+ The Percentage of Civilians Not Willing to Move (Voluntary RIFs) varies from base to base.

Not all Priority Placements involve a Permanent Change of Station. The rate of PPS placements involving a PCS is 50.00%

Data As Of 12:48 03/21/1995, Report Created 12:48 03/21/1995

Department : NAVY
Option Package : Indy/Louis 028DB
Scenario File : P:\COBRA\BCRC\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NAWC AD INDIANAPOLIS, IN	Rate	1996	1997	1998	1999	2000	2001	Total
CIVILIAN POSITIONS REALIGNING OUT		1	57	639	727	160	0	1584
Early Retirement*	10.00%	0	6	64	73	17	0	160
Regular Retirement*	5.00%	0	3	32	37	8	0	80
Civilian Turnover*	15.00%	0	9	96	109	24	0	238
Civs Not Moving (RIFs)*	6.00%	0	3	38	44	9	0	94
Civilians Moving (the remainder)		1	36	409	464	102	0	1012
Civilian Positions Available		0	21	230	263	58	0	572
CIVILIAN POSITIONS ELIMINATED		0	0	0	786	242	0	1028
Early Retirement	10.00%	0	0	0	79	24	0	103
Regular Retirement	5.00%	0	0	0	39	12	0	51
Civilian Turnover	15.00%	0	0	0	118	36	0	154
Civs Not Moving (RIFs)*	6.00%	0	0	0	47	15	0	62
Priority Placement#	60.00%	0	0	0	472	145	0	617
Civilians Available to Move		0	0	0	31	10	0	41
Civilians Moving		0	0	0	31	10	0	41
Civilian RIFs (the remainder)		0	0	0	0	0	0	0
CIVILIAN POSITIONS REALIGNING IN		0	0	0	0	0	0	0
Civilians Moving		0	0	0	0	0	0	0
New Civilians Hired		0	0	0	0	0	0	0
Other Civilian Additions		0	0	0	0	0	0	0
TOTAL CIVILIAN EARLY RETIRMENTS		0	6	64	152	41	0	263
TOTAL CIVILIAN RIFS		0	3	38	91	24	0	156
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	0	0	472	145	0	617
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.

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Department : NAVY
Option Package : Indy/Louis 028DB
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Base: NSWC LOUISVILLE, KY	Rate	1996	1997	1998	1999	2000	2001	Total
CIVILIAN POSITIONS REALIGNING OUT		0	24	105	351	375	0	855
Early Retirement*	10.00%	0	2	10	35	37	0	84
Regular Retirement*	5.00%	0	2	6	18	20	0	46
Civilian Turnover*	15.00%	0	4	16	52	57	0	129
Civs Not Moving (RIFs)*	6.00%	0	2	6	21	23	0	52
Civilians Moving (the remainder)		0	14	67	225	238	0	544
Civilian Positions Available		0	10	38	126	137	0	311
CIVILIAN POSITIONS ELIMINATED		0	46	66	140	200	0	452
Early Retirement	10.00%	0	5	7	14	20	0	46
Regular Retirement	5.00%	0	2	3	7	10	0	22
Civilian Turnover	15.00%	0	7	10	21	30	0	68
Civs Not Moving (RIFs)*	6.00%	0	3	4	8	12	0	27
Priority Placement#	60.00%	0	28	40	84	120	0	272
Civilians Available to Move		0	1	2	6	8	0	17
Civilians Moving		0	1	2	6	8	0	17
Civilian RIFs (the remainder)		0	0	0	0	0	0	0
CIVILIAN POSITIONS REALIGNING IN		0	0	0	0	0	0	0
Civilians Moving		0	0	0	0	0	0	0
New Civilians Hired		0	0	0	0	0	0	0
Other Civilian Additions		0	0	0	0	0	0	0
TOTAL CIVILIAN EARLY RETIRMENTS		0	7	17	49	57	0	130
TOTAL CIVILIAN RIFS		0	5	10	29	35	0	79
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	28	40	84	120	0	272
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 PPS placements involving a PCS is 50.00%

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Department : NAVY
Option Package : Indy/Louis 028DB
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Base: NSWC CRANE, IN	Rate	1996	1997	1998	1999	2000	2001	Total
CIVILIAN POSITIONS REALIGNING OUT		0	0	0	0	0	0	0
Early Retirement*	10.00%	0	0	0	0	0	0	0
Regular Retirement*	5.00%	0	0	0	0	0	0	0
Civilian Turnover*	15.00%	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	10.00%	0	0	0	0	0	0	0
Regular Retirement	5.00%	0	0	0	0	0	0	0
Civilian Turnover	15.00%	0	0	0	0	0	0	0
Civs Not Moving (RIFs)*	6.00%	0	0	0	0	0	0	0
Priority Placement#	60.00%	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		1	70	540	712	347	0	1670
Civilians Moving		1	45	348	492	239	0	1125
New Civilians Hired		0	25	192	220	108	0	545
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	25	192	220	108	0	545

* 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 PPS placements involving a PCS is 50.00%

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Department : NAVY
Option Package : Indy/Louis 028DB
Scenario File : P:\COBRA\BCRC\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NAWC AD PAX RIVER, MD	Rate	1996	1997	1998	1999	2000	2001	Total
CIVILIAN POSITIONS REALIGNING OUT		0	0	0	0	0	0	0
Early Retirement*	10.00%	0	0	0	0	0	0	0
Regular Retirement*	5.00%	0	0	0	0	0	0	0
Civilian Turnover*	15.00%	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	10.00%	0	0	0	0	0	0	0
Regular Retirement	5.00%	0	0	0	0	0	0	0
Civilian Turnover	15.00%	0	0	0	0	0	0	0
Civs Not Moving (RIFs)*	6.00%	0	0	0	0	0	0	0
Priority Placement#	60.00%	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	70	75	0	0	145
Civilians Moving		0	0	44	47	0	0	91
New Civilians Hired		0	0	26	28	0	0	54
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	26	28	0	0	54

* 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 PPS placements involving a PCS is 50.00%

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Department : NAVY
Option Package : Indy/Louis 028DB
Scenario File : P:\COBRA\BCRC\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NAWC WPN CHINA LAKE, CA	Rate	1996	1997	1998	1999	2000	2001	Total
CIVILIAN POSITIONS REALIGNING OUT		0	0	0	0	0	0	0
Early Retirement*	10.00%	0	0	0	0	0	0	0
Regular Retirement*	5.00%	0	0	0	0	0	0	0
Civilian Turnover*	15.00%	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	10.00%	0	0	0	0	0	0	0
Regular Retirement	5.00%	0	0	0	0	0	0	0
Civilian Turnover	15.00%	0	0	0	0	0	0	0
Civs Not Moving (RIFs)*	6.00%	0	0	0	0	0	0	0
Priority Placement#	60.00%	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	100	182	0	0	282
Civilians Moving		0	0	64	117	0	0	181
New Civilians Hired		0	0	36	65	0	0	101
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	36	65	0	0	101

* 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 PPS placements involving a PCS is 50.00%

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Department : NAVY
Option Package : Indy/Louis 028DB
Scenario File : P:\COBRA\BCRC\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NSYD NORFOLK, VA	Rate	1996	1997	1998	1999	2000	2001	Total
CIVILIAN POSITIONS REALIGNING OUT		0	0	0	0	0	0	0
Early Retirement*	10.00%	0	0	0	0	0	0	0
Regular Retirement*	5.00%	0	0	0	0	0	0	0
Civilian Turnover*	15.00%	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	10.00%	0	0	0	0	0	0	0
Regular Retirement	5.00%	0	0	0	0	0	0	0
Civilian Turnover	15.00%	0	0	0	0	0	0	0
Civs Not Moving (RIFs)*	6.00%	0	0	0	0	0	0	0
Priority Placement#	60.00%	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	11	34	74	111	0	230
Civilians Moving		0	6	22	48	70	0	146
New Civilians Hired		0	5	12	26	41	0	84
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	5	12	26	41	0	84

* 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 PPS placements involving a PCS is 50.00%

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Department : NAVY
Option Package : Indy/Louis 028DB
Scenario File : P:\COBRA\BCRC\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NTC GREAT LAKES, IL	Rate	1996	1997	1998	1999	2000	2001	Total
CIVILIAN POSITIONS REALIGNING OUT		0	0	0	0	0	0	0
Early Retirement*	10.00%	0	0	0	0	0	0	0
Regular Retirement*	5.00%	0	0	0	0	0	0	0
Civilian Turnover*	15.00%	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	10.00%	0	0	0	0	0	0	0
Regular Retirement	5.00%	0	0	0	0	0	0	0
Civilian Turnover	15.00%	0	0	0	0	0	0	0
Civs Not Moving (RIFs)*	6.00%	0	0	0	0	0	0	0
Priority Placement#	60.00%	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	5	0	5
Civilians Moving		0	0	0	0	3	0	3
New Civilians Hired		0	0	0	0	2	0	2
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	2	0	2

* 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 PPS placements involving a PCS is 50.00%

Data As Of 12:48 03/21/1995, Report Created 12:48 03/21/1995

Department : NAVY
Option Package : Indy/Louis 028DB
Scenario File : P:\COBRA\BCRC\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: WATERVLIET ARMY ARS., NY	Rate	1996	1997	1998	1999	2000	2001	Total
CIVILIAN POSITIONS REALIGNING OUT		0	0	0	0	0	0	0
Early Retirement*	10.00%	0	0	0	0	0	0	0
Regular Retirement*	5.00%	0	0	0	0	0	0	0
Civilian Turnover*	15.00%	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	10.00%	0	0	0	0	0	0	0
Regular Retirement	5.00%	0	0	0	0	0	0	0
Civilian Turnover	15.00%	0	0	0	0	0	0	0
Civs Not Moving (RIFs)*	6.00%	0	0	0	0	0	0	0
Priority Placement#	60.00%	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	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	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 PPS placements involving a PCS is 50.00%

Department : NAVY
Option Package : Indy/Louis 028DB
Scenario File : P:\COBRA\BCRC\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NSWC PORT HUENEME, CA	Rate	1996	1997	1998	1999	2000	2001	Total
CIVILIAN POSITIONS REALIGNING OUT		0	0	0	0	0	0	0
Early Retirement*	10.00%	0	0	0	0	0	0	0
Regular Retirement*	5.00%	0	0	0	0	0	0	0
Civilian Turnover*	15.00%	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	10.00%	0	0	0	0	0	0	0
Regular Retirement	5.00%	0	0	0	0	0	0	0
Civilian Turnover	15.00%	0	0	0	0	0	0	0
Civs Not Moving (RIFs)*	6.00%	0	0	0	0	0	0	0
Priority Placement#	60.00%	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	35	72	0	107
Civilians Moving		0	0	0	22	46	0	68
New Civilians Hired		0	0	0	13	26	0	39
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	13	26	0	39

* 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 PPS placements involving a PCS is 50.00%

Department : NAVY
Option Package : Indy/Louis 028DB
Scenario File : P:\COBRA\BCRC\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

ONE-TIME COSTS -----($K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	4,705	8,679	13,656	11,562	0	0	38,602
Fam Housing	0	0	0	0	0	0	0
Land Purch	0	0	0	0	0	0	0
O&M							
CIV SALARY							
Civ RIF	0	171	1,024	2,560	1,258	0	5,013
Civ Retire	0	64	399	989	482	0	1,934
CIV MOVING							
Per Diem	2	131	1,370	2,199	1,071	0	4,775
POV Miles	0	1	37	71	30	0	141
Home Purch	11	544	5,233	7,938	3,790	0	17,517
HHG	6	326	3,142	4,824	2,361	0	10,660
Misc	1	36	334	508	250	0	1,130
House Hunt	1	82	923	1,518	725	0	3,250
PPS	0	403	576	8,006	3,830	0	12,816
RITA	4	222	2,212	3,426	1,643	0	7,507
FREIGHT							
Packing	0	13	119	185	94	0	411
Freight	0	1,506	1,952	2,820	1,114	0	7,393
Vehicles	0	0	0	12	4	0	16
Driving	0	0	0	1	0	0	1
Unemployment	0	25	150	376	185	0	736
OTHER							
Program Plan	5,762	4,321	3,241	2,431	1,823	0	17,578
Shutdown	0	138	584	1,518	1,130	0	3,371
New Hire	0	0	0	0	0	0	0
1-Time Move	0	0	709	99	0	0	808
MIL PERSONNEL							
MIL MOVING							
Per Diem	0	0	0	15	1	0	16
POV Miles	0	0	0	7	0	0	7
HHG	0	0	10	67	54	0	130
Misc	0	0	2	13	13	0	29
OTHER							
Elim PCS	0	0	0	0	45	0	45
OTHER							
HAP / RSE	0	0	0	0	0	0	0
Environmental	100	0	0	0	0	0	100
Info Manage	0	0	0	0	0	0	0
1-Time Other	1,451	4,924	27,186	13,898	4	0	47,463
TOTAL ONE-TIME	12,045	21,588	62,861	65,044	19,911	0	181,451

Department : NAVY
Option Package : Indy/Louis 028DB
Scenario File : P:\COBRA\BCRC\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

RECURRINGCOSTS -----($K)-----	1996	1997	1998	1999	2000	2001	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	-0	-0	92	117	117	117	443	117
BOS	2	187	2,263	5,342	6,647	6,647	21,089	6,647
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
CHAMPUS	0	0	0	0	0	0	0	0
Caretaker	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	14	89	160	160	424	160
OTHER								
Mission	0	0	44	125	144	144	457	144
Misc Recur	0	0	0	98	98	98	294	98
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	2	187	2,413	5,771	7,167	7,167	22,706	7,167
TOTAL COST	12,047	21,775	65,275	70,815	27,078	7,167	204,157	7,167

ONE-TIME SAVES -----($K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	0	11,180	0	0	0	0	11,180
Fam Housing	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	3	17	17	0	37
OTHER							
Land Sales	0	0	0	0	0	0	0
Environmental	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0
TOTAL ONE-TIME	0	11,180	3	17	17	0	11,217

RECURRINGSAVES -----($K)-----	1996	1997	1998	1999	2000	2001	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	75	403	1,353	2,743	3,487	8,061	3,487
BOS	0	80	458	7,594	16,872	23,316	48,321	23,316
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	1,258	4,321	14,603	35,168	47,256	102,606	47,256
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Off Salary	0	0	0	0	384	768	1,152	768
Enl Salary	0	0	0	0	0	0	0	0
House Allow	0	0	20	122	154	154	449	154
OTHER								
Procurement	205	400	0	0	0	0	605	0
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	13	13	13
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	205	1,813	5,202	23,672	55,321	74,994	161,207	74,994
TOTAL SAVINGS	205	12,993	5,205	23,689	55,338	74,994	172,424	74,994

Department : NAVY
Option Package : Indy/Louis 028DB
Scenario File : P:\COBRA\BCRC\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

ONE-TIME NET -----($K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	4,705	-2,501	13,656	11,562	0	0	27,422
Fam Housing	0	0	0	0	0	0	0
O&M							
Civ Retir/RIF	0	235	1,422	3,549	1,741	0	6,947
Civ Moving	26	3,266	15,900	31,510	14,914	0	65,617
Other	5,762	4,485	4,684	4,424	3,138	0	22,494
MIL PERSONNEL							
Mil Moving	0	0	9	84	97	0	191
OTHER							
HAP / RSE	0	0	0	0	0	0	0
Environmental	100	0	0	0	0	0	100
Info Manage	0	0	0	0	0	0	0
1-Time Other	1,451	4,924	27,186	13,898	4	0	47,463
Land	0	0	0	0	0	0	0
TOTAL ONE-TIME	12,045	10,408	62,859	65,027	19,894	0	170,234

RECURRING NET -----($K)-----	1996	1997	1998	1999	2000	2001	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	-0	-75	-311	-1,236	-2,626	-3,370	-7,619	-3,370
BOS	2	106	1,805	-2,252	-10,225	-16,669	-27,232	-16,669
Unique Operat	0	0	0	0	0	0	0	0
Caretaker	0	0	0	0	0	0	0	0
Civ Salary	0	-1,258	-4,321	-14,603	-35,168	-47,256	-102,606	-47,256
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Salary	0	0	0	0	-384	-768	-1,152	-768
House Allow	0	0	-6	-32	7	7	-25	7
OTHER								
Procurement	-205	-400	0	0	0	0	-605	0
Mission	0	0	44	125	144	144	457	144
Misc Recur	0	0	0	98	98	85	281	85
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	-203	-1,626	-2,789	-17,901	-48,154	-67,827	-138,501	-67,827
TOTAL NET COST	11,842	8,782	60,069	47,126	-28,260	-67,827	31,733	-67,827

Department : NAVY
Option Package : Indy/Louis 028DB
Scenario File : P:\COBRA\BCRC\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NAWC AD INDIANAPOLIS, IN

ONE-TIME COSTS -----($K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	0	0	0	0	0	0	0
Fam Housing	0	0	0	0	0	0	0
Land Purch	0	0	0	0	0	0	0
O&M							
CIV SALARY							
Civ RIFs	0	64	810	1,941	512	0	3,327
Civ Retire	0	29	315	748	202	0	1,295
CIV MOVING							
Per Diem	2	89	1,181	1,529	283	0	3,085
POV Miles	0	0	34	54	2	0	91
Home Purch	11	389	4,519	5,526	1,214	0	11,659
HHG	6	229	2,695	3,309	712	0	6,951
Misc	1	25	286	346	78	0	737
House Hunt	1	54	801	1,069	172	0	2,098
PPS	0	0	0	6,797	2,102	0	8,899
RITA	4	156	1,910	2,387	490	0	4,947
FREIGHT							
Packing	0	9	102	128	30	0	269
Freight	0	0	364	510	0	0	875
Vehicles	0	0	0	12	0	0	12
Driving	0	0	0	1	0	0	1
Unemployment	0	9	119	285	75	0	488
OTHER							
Program Plan	3,755	2,816	2,112	1,584	1,188	0	11,456
Shutdown	0	28	311	744	203	0	1,286
New Hires	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	15	1	0	16
POV Miles	0	0	0	7	0	0	7
HHG	0	0	4	67	28	0	99
Misc	0	0	1	13	7	0	21
OTHER							
Elim PCS	0	0	0	0	27	0	27
OTHER							
HAP / RSE	0	0	0	0	0	0	0
Environmental	0	0	0	0	0	0	0
Info Manage	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	4	0	4
TOTAL ONE-TIME	3,782	3,900	15,564	27,073	7,333	0	57,652

Department : NAVY
Option Package : Indy/Louis 028DB
Scenario File : P:\COBRA\BCRC\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NAWC AD INDIANAPOLIS, IN

RECURRINGCOSTS -----($K)-----	1996	1997	1998	1999	2000	2001	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	0	0	0	0	0	0	0
BOS	0	0	0	0	0	0	0	0
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
CHAMPUS	0	0	0	0	0	0	0	0
Caretaker	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	0	0	44	125	144	144	457	144
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	44	125	144	144	457	144
TOTAL COSTS	3,782	3,900	15,608	27,198	7,477	144	58,109	144

ONE-TIME SAVES -----($K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	0	11,180	0	0	0	0	11,180
Fam Housing	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	1	17	9	0	27
OTHER							
Land Sales	0	0	0	0	0	0	0
Environmental	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0
TOTAL ONE-TIME	0	11,180	1	17	9	0	11,207

RECURRINGSAVES -----($K)-----	1996	1997	1998	1999	2000	2001	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	8	103	405	696	769	1,981	769
BOS	0	4	229	6,915	14,912	19,291	41,351	19,291
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	5,059	16,736	23,354	45,150	23,354
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Off Salary	0	0	0	0	230	461	691	461
Enl Salary	0	0	0	0	0	0	0	0
House Allow	0	0	9	111	115	115	350	115
OTHER								
Procurement	205	400	0	0	0	0	605	0
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	13	13	13
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	205	412	341	12,490	32,690	44,003	90,141	44,003
TOTAL SAVINGS	205	11,592	342	12,507	32,699	44,003	101,348	44,003

Department : NAVY
Option Package : Indy/Louis 028DB
Scenario File : P:\COBRA\BCRC\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NAWC AD INDIANAPOLIS, IN

ONE-TIME NET -----($K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	0	-11,180	0	0	0	0	-11,180
Fam Housing	0	0	0	0	0	0	0
O&M							
Civ Retir/RIF	0	93	1,126	2,689	714	0	4,622
Civ Moving	26	953	11,892	21,669	5,085	0	39,625
Other	3,755	2,853	2,542	2,613	1,466	0	13,230
MIL PERSONNEL							
Mil Moving	0	0	4	84	55	0	143
OTHER							
HAP / RSE	0	0	0	0	0	0	0
Environmental	0	0	0	0	0	0	0
Info Manage	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	4	0	4
Land	0	0	0	0	0	0	0
TOTAL ONE-TIME	3,782	-7,280	15,564	27,056	7,324	0	46,445

RECURRING NET -----($K)-----	1996	1997	1998	1999	2000	2001	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	-0	-8	-103	-405	-696	-769	-1,981	-769
BOS	0	-4	-229	-6,915	-14,912	-19,291	-41,351	-19,291
Unique Operat	0	0	0	0	0	0	0	0
Caretaker	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	-5,059	-16,736	-23,354	-45,150	-23,354
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Salary	0	0	0	0	-230	-461	-691	-461
House Allow	0	0	-9	-111	-115	-115	-350	-115
OTHER								
Procurement	-205	-400	0	0	0	0	-605	0
Mission	0	0	44	125	144	144	457	144
Misc Recur	0	0	0	0	0	-13	-13	-13
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	205	388	-297	-12,365	-32,546	-43,859	-88,474	-43,859
TOTAL NET COST	3,577	-7,692	15,266	14,691	-25,222	-43,859	-43,239	-43,859

Department : NAVY
Option Package : Indy/Louis 028DB
Scenario File : P:\COBRA\BCRC\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NSWC LOUISVILLE, KY

ONE-TIME COSTS -----($K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	0	0	0	0	0	0	0
Fam Housing	0	0	0	0	0	0	0
Land Purch	0	0	0	0	0	0	0
O&M							
CIV SALARY							
Civ RIFs	0	107	213	618	746	0	1,685
Civ Retire	0	34	84	241	280	0	640
CIV MOVING							
Per Diem	0	42	190	670	788	0	1,690
POV Miles	0	1	3	17	28	0	50
Home Purch	0	155	714	2,412	2,577	0	5,857
HHG	0	97	447	1,515	1,649	0	3,709
Misc	0	10	48	162	172	0	393
House Hunt	0	28	123	448	553	0	1,152
PPS	0	403	576	1,209	1,728	0	3,917
RITA	0	66	302	1,039	1,153	0	2,560
FREIGHT							
Packing	0	4	18	57	63	0	142
Freight	0	1,506	1,588	2,310	1,114	0	6,518
Vehicles	0	0	0	0	4	0	4
Driving	0	0	0	0	0	0	0
Unemployment	0	16	31	91	110	0	247
OTHER							
Program Plan	2,007	1,505	1,129	847	635	0	6,123
Shutdown	0	110	273	774	927	0	2,085
New Hires	0	0	0	0	0	0	0
1-Time Move	0	0	709	99	0	0	808
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	6	0	25	0	31
Misc	0	0	1	0	6	0	8
OTHER							
Elim PCS	0	0	0	0	18	0	18
OTHER							
HAP / RSE	0	0	0	0	0	0	0
Environmental	0	0	0	0	0	0	0
Info Manage	0	0	0	0	0	0	0
1-Time Other	0	0	180	184	0	0	364
TOTAL ONE-TIME	2,007	4,085	6,635	12,695	12,579	0	38,001

Department : NAVY
Option Package : Indy/Louis 028DB
Scenario File : P:\COBRA\BCRC\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NSWC LOUISVILLE, KY

RECURRINGCOSTS -----($K)-----	1996	1997	1998	1999	2000	2001	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	0	0	0	0	0	0	0
BOS	0	0	0	0	0	0	0	0
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
CHAMPUS	0	0	0	0	0	0	0	0
Caretaker	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	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	0	0	0	0	0	0
TOTAL COSTS	2,007	4,085	6,635	12,695	12,579	0	38,001	0

ONE-TIME SAVES -----($K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	0	0	0	0	0	0	0
Fam Housing	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	2	0	8	0	10
OTHER							
Land Sales	0	0	0	0	0	0	0
Environmental	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0
TOTAL ONE-TIME	0	0	2	0	8	0	10

RECURRINGSAVES -----($K)-----	1996	1997	1998	1999	2000	2001	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	67	300	948	2,046	2,718	6,080	2,718
BOS	0	76	229	679	1,961	4,025	6,970	4,025
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	1,258	4,321	9,544	18,432	23,901	57,456	23,901
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Off Salary	0	0	0	0	153	307	461	307
Enl Salary	0	0	0	0	0	0	0	0
House Allow	0	0	11	11	39	39	99	39
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	1,401	4,861	11,182	22,631	30,990	71,066	30,990
TOTAL SAVINGS	0	1,401	4,863	11,182	22,639	30,990	71,076	30,990

Department : NAVY
Option Package : Indy/Louis 028DB
Scenario File : P:\COBRA\BCRC\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NSWC LOUISVILLE, KY

ONE-TIME NET -----($K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	0	0	0	0	0	0	0
Fam Housing	0	0	0	0	0	0	0
O&M							
Civ Retir/RIF	0	141	297	860	1,027	0	2,325
Civ Moving	0	2,313	4,009	9,841	9,829	0	25,992
Other	2,007	1,631	2,142	1,811	1,672	0	9,263
MIL PERSONNEL							
Mil Moving	0	0	5	0	42	0	47
OTHER							
HAP / RSE	0	0	0	0	0	0	0
Environmental	0	0	0	0	0	0	0
Info Manage	0	0	0	0	0	0	0
1-Time Other	0	0	180	184	0	0	364
Land	0	0	0	0	0	0	0
TOTAL ONE-TIME	2,007	4,085	6,633	12,695	12,571	0	37,991

RECURRING NET -----($K)-----	1996	1997	1998	1999	2000	2001	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	-67	-300	-948	-2,046	-2,718	-6,080	-2,718
BOS	0	-76	-229	-679	-1,961	-4,025	-6,970	-4,025
Unique Operat	0	0	0	0	0	0	0	0
Caretaker	0	0	0	0	0	0	0	0
Civ Salary	0	-1,258	-4,321	-9,544	-18,432	-23,901	-57,456	-23,901
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Salary	0	0	0	0	-153	-307	-461	-307
House Allow	0	0	-11	-11	-39	-39	-99	-39
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	-1,401	-4,861	-11,182	-22,631	-30,990	-71,066	-30,990
TOTAL NET COST	2,007	2,684	1,772	1,514	-10,060	-30,990	-33,074	-30,990

Department : NAVY
Option Package : Indy/Louis 028DB
Scenario File : P:\COBRA\BCRC\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NSWC CRANE, IN

ONE-TIME COSTS -----($K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	2,318	5,658	7,429	3,709	0	0	19,115
Fam Housing	0	0	0	0	0	0	0
Land Purch	0	0	0	0	0	0	0
O&M							
CIV SALARY							
Civ RIFs	0	0	0	0	0	0	0
Civ Retire	0	0	0	0	0	0	0
CIV MOVING							
Per Diem	0	0	0	0	0	0	0
POV Miles	0	0	0	0	0	0	0
Home Purch	0	0	0	0	0	0	0
HHG	0	0	0	0	0	0	0
Misc	0	0	0	0	0	0	0
House Hunt	0	0	0	0	0	0	0
PPS	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
Driving	0	0	0	0	0	0	0
Unemployment	0	0	0	0	0	0	0
OTHER							
Program Plan	0	0	0	0	0	0	0
Shutdown	0	0	0	0	0	0	0
New Hires	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	100	0	0	0	0	0	100
Info Manage	0	0	0	0	0	0	0
1-Time Other	1,451	4,424	1,800	29	0	0	7,704
TOTAL ONE-TIME	3,869	10,082	9,229	3,738	0	0	26,919

Department : NAVY
Option Package : Indy/Louis 028DB
Scenario File : P:\COBRA\BCRC\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NSWC CRANE, IN

RECURRINGCOSTS -----($K)-----	1996	1997	1998	1999	2000	2001	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	0	92	117	117	117	443	117
BOS	2	142	1,186	2,461	3,065	3,065	9,921	3,065
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
CHAMPUS	0	0	0	0	0	0	0	0
Caretaker	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	14	22	49	49	133	49
OTHER								
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	2	142	1,278	2,578	3,182	3,182	10,497	3,230
TOTAL COSTS	3,871	10,224	10,521	6,339	3,230	3,230	37,417	3,230

ONE-TIME SAVES -----($K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	0	0	0	0	0	0	0
Fam Housing	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							
Land Sales	0	0	0	0	0	0	0
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)-----	1996	1997	1998	1999	2000	2001	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	0	0	0	0	0	0	0
BOS	0	0	0	0	0	0	0	0
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
CHAMPUS	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	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	0	0	0	0	0	0
TOTAL SAVINGS	0	0	0	0	0	0	0	0

Department : NAVY
Option Package : Indy/Louis 028DB
Scenario File : P:\COBRA\BCRC\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NSWC CRANE, IN

ONE-TIME NET -----($K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	2,318	5,658	7,429	3,709	0	0	19,115
Fam Housing	0	0	0	0	0	0	0
O&M							
Civ Retir/RIF	0	0	0	0	0	0	0
Civ Moving	0	0	0	0	0	0	0
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	100	0	0	0	0	0	100
Info Manage	0	0	0	0	0	0	0
1-Time Other	1,451	4,424	1,800	29	0	0	7,704
Land	0	0	0	0	0	0	0
TOTAL ONE-TIME	3,869	10,082	9,229	3,738	0	0	26,919

RECURRING NET -----($K)-----	1996	1997	1998	1999	2000	2001	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	0	92	117	117	117	443	117
BOS	2	142	1,186	2,461	3,065	3,065	9,921	3,065
Unique Operat	0	0	0	0	0	0	0	0
Caretaker	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Salary	0	0	0	0	0	0	0	0
House Allow	0	0	14	22	49	49	133	49
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	2	142	1,292	2,600	3,230	3,230	10,497	3,230
TOTAL NET COST	3,871	10,224	10,521	6,339	3,230	3,230	37,417	3,230

Department : NAVY
Option Package : Indy/Louis 028DB
Scenario File : P:\COBRA\BCRC\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NAWC AD PAX RIVER, MD

ONE-TIME COSTS -----($K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	48	258	276	0	0	0	582
Fam Housing	0	0	0	0	0	0	0
Land Purch	0	0	0	0	0	0	0
O&M							
CIV SALARY							
Civ RIFs	0	0	0	0	0	0	0
Civ Retire	0	0	0	0	0	0	0
CIV MOVING							
Per Diem	0	0	0	0	0	0	0
POV Miles	0	0	0	0	0	0	0
Home Purch	0	0	0	0	0	0	0
HHG	0	0	0	0	0	0	0
Misc	0	0	0	0	0	0	0
House Hunt	0	0	0	0	0	0	0
PPS	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
Driving	0	0	0	0	0	0	0
Unemployment	0	0	0	0	0	0	0
OTHER							
Program Plan	0	0	0	0	0	0	0
Shutdown	0	0	0	0	0	0	0
New Hires	0	0	0	0	0	0	0
1-Time Move	0	0	0	0	0	0	0
MIL PERSONNEL							
MIL MOVING							
Per Diem	0	0	0	0	0	0	0
POV Miles	0	0	0	0	0	0	0
HHG	0	0	0	0	0	0	0
Misc	0	0	0	0	0	0	0
OTHER							
Elim PCS	0	0	0	0	0	0	0
OTHER							
HAP / RSE	0	0	0	0	0	0	0
Environmental	0	0	0	0	0	0	0
Info Manage	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0
TOTAL ONE-TIME	48	258	276	0	0	0	582

Department : NAVY
Option Package : Indy/Louis 028DB
Scenario File : P:\COBRA\BCRC\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NAWC AD PAX RIVER, MD

RECURRINGCOSTS -----($K)-----	1996	1997	1998	1999	2000	2001	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	0	0	0	0	0	0	0
BOS	0	0	406	838	838	838	2,920	838
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
CHAMPUS	0	0	0	0	0	0	0	0
Caretaker	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	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	406	838	838	838	2,920	838
TOTAL COSTS	48	258	682	838	838	838	3,502	838

ONE-TIME SAVES -----($K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	0	0	0	0	0	0	0
Fam Housing	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							
Land Sales	0	0	0	0	0	0	0
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)-----	1996	1997	1998	1999	2000	2001	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	0	0	0	0	0	0	0
BOS	0	0	0	0	0	0	0	0
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
CHAMPUS	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	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	0	0	0	0	0	0
TOTAL SAVINGS	0	0	0	0	0	0	0	0

Department : NAVY
Option Package : Indy/Louis 028DB
Scenario File : P:\COBRA\BCRC\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NAWC AD PAX RIVER, MD

ONE-TIME NET -----($K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	48	258	276	0	0	0	582
Fam Housing	0	0	0	0	0	0	0
O&M							
Civ Retir/RIF	0	0	0	0	0	0	0
Civ Moving	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
MIL PERSONNEL							
Mil Moving	0	0	0	0	0	0	0
OTHER							
HAP / RSE	0	0	0	0	0	0	0
Environmental	0	0	0	0	0	0	0
Info Manage	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0
Land	0	0	0	0	0	0	0
TOTAL ONE-TIME	48	258	276	0	0	0	582

RECURRING NET -----($K)-----	1996	1997	1998	1999	2000	2001	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	0	0	0	0	0	0	0
BOS	0	0	406	838	838	838	2,920	838
Unique Operat	0	0	0	0	0	0	0	0
Caretaker	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Salary	0	0	0	0	0	0	0	0
House Allow	0	0	0	0	0	0	0	0
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	406	838	838	838	2,920	838
TOTAL NET COST	48	258	682	838	838	838	3,502	838

Department : NAVY
Option Package : Indy/Louis 028DB
Scenario File : P:\COBRA\BCRC\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NAWC WPN CHINA LAKE, CA

ONE-TIME COSTS -----($K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	97	358	715	0	0	0	1,170
Fam Housing	0	0	0	0	0	0	0
Land Purch	0	0	0	0	0	0	0
O&M							
CIV SALARY							
Civ RIFs	0	0	0	0	0	0	0
Civ Retire	0	0	0	0	0	0	0
CIV MOVING							
Per Diem	0	0	0	0	0	0	0
POV Miles	0	0	0	0	0	0	0
Home Purch	0	0	0	0	0	0	0
HHG	0	0	0	0	0	0	0
Misc	0	0	0	0	0	0	0
House Hunt	0	0	0	0	0	0	0
PPS	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
Driving	0	0	0	0	0	0	0
Unemployment	0	0	0	0	0	0	0
OTHER							
Program Plan	0	0	0	0	0	0	0
Shutdown	0	0	0	0	0	0	0
New Hires	0	0	0	0	0	0	0
1-Time Move	0	0	0	0	0	0	0
MIL PERSONNEL							
MIL MOVING							
Per Diem	0	0	0	0	0	0	0
POV Miles	0	0	0	0	0	0	0
HHG	0	0	0	0	0	0	0
Misc	0	0	0	0	0	0	0
OTHER							
Elim PCS	0	0	0	0	0	0	0
OTHER							
HAP / RSE	0	0	0	0	0	0	0
Environmental	0	0	0	0	0	0	0
Info Manage	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0
TOTAL ONE-TIME	97	358	715	0	0	0	1,170

Department : NAVY
Option Package : Indy/Louis 028DB
Scenario File : P:\COBRA\BCRC\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NAWC WPN CHINA LAKE, CA

RECURRINGCOSTS -----($K)-----	1996	1997	1998	1999	2000	2001	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	0	0	0	0	0	0	0
BOS	0	0	489	1,454	1,454	1,454	4,850	1,454
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
CHAMPUS	0	0	0	0	0	0	0	0
Caretaker	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	67	67	67	202	67
OTHER								
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	489	1,454	1,454	1,454	5,052	1,521
TOTAL COSTS	97	358	1,204	1,521	1,521	1,521	6,222	1,521

ONE-TIME SAVES -----($K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	0	0	0	0	0	0	0
Fam Housing	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							
Land Sales	0	0	0	0	0	0	0
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)-----	1996	1997	1998	1999	2000	2001	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	0	0	0	0	0	0	0
BOS	0	0	0	0	0	0	0	0
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
CHAMPUS	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	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	0	0	0	0	0	0
TOTAL SAVINGS	0	0	0	0	0	0	0	0

Department : NAVY
Option Package : Indy/Louis 028DB
Scenario File : P:\COBRA\BCRC\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NAWC WPN CHINA LAKE, CA

ONE-TIME NET -----($K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	97	358	715	0	0	0	1,170
Fam Housing	0	0	0	0	0	0	0
O&M							
Civ Retir/RIF	0	0	0	0	0	0	0
Civ Moving	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
MIL PERSONNEL							
Mil Moving	0	0	0	0	0	0	0
OTHER							
HAP / RSE	0	0	0	0	0	0	0
Environmental	0	0	0	0	0	0	0
Info Manage	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0
Land	0	0	0	0	0	0	0
TOTAL ONE-TIME	97	358	715	0	0	0	1,170

RECURRING NET -----($K)-----	1996	1997	1998	1999	2000	2001	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	0	0	0	0	0	0	0
BOS	0	0	489	1,454	1,454	1,454	4,850	1,454
Unique Operat	0	0	0	0	0	0	0	0
Caretaker	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Salary	0	0	0	0	0	0	0	0
House Allow	0	0	0	67	67	67	202	67
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	489	1,521	1,521	1,521	5,052	1,521
TOTAL NET COST	97	358	1,204	1,521	1,521	1,521	6,222	1,521

Department : NAVY
Option Package : Indy/Louis 028DB
Scenario File : P:\COBRA\BCRC\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NSYD NORFOLK, VA

ONE-TIME COSTS -----($K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	2,242	2,405	5,235	7,852	0	0	17,734
Fam Housing	0	0	0	0	0	0	0
Land Purch	0	0	0	0	0	0	0
O&M							
CIV SALARY							
Civ RIFs	0	0	0	0	0	0	0
Civ Retire	0	0	0	0	0	0	0
CIV MOVING							
Per Diem	0	0	0	0	0	0	0
POV Miles	0	0	0	0	0	0	0
Home Purch	0	0	0	0	0	0	0
HHG	0	0	0	0	0	0	0
Misc	0	0	0	0	0	0	0
House Hunt	0	0	0	0	0	0	0
PPS	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
Driving	0	0	0	0	0	0	0
Unemployment	0	0	0	0	0	0	0
OTHER							
Program Plan	0	0	0	0	0	0	0
Shutdown	0	0	0	0	0	0	0
New Hires	0	0	0	0	0	0	0
1-Time Move	0	0	0	0	0	0	0
MIL PERSONNEL							
MIL MOVING							
Per Diem	0	0	0	0	0	0	0
POV Miles	0	0	0	0	0	0	0
HHG	0	0	0	0	0	0	0
Misc	0	0	0	0	0	0	0
OTHER							
Elim PCS	0	0	0	0	0	0	0
OTHER							
HAP / RSE	0	0	0	0	0	0	0
Environmental	0	0	0	0	0	0	0
Info Manage	0	0	0	0	0	0	0
1-Time Other	0	500	25,000	12,825	0	0	38,325
TOTAL ONE-TIME	2,242	2,905	30,235	20,677	0	0	56,059

Department : NAVY
Option Package : Indy/Louis 028DB
Scenario File : P:\COBRA\BCRC\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NSYD NORFOLK, VA

RECURRINGCOSTS -----($K)-----	1996	1997	1998	1999	2000	2001	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	-0	-0	-0	-0	-0	-0	-0	-0
BOS	0	45	183	482	930	930	2,569	930
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
CHAMPUS	0	0	0	0	0	0	0	0
Caretaker	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	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	98	98	98	294	98
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	-0	45	183	580	1,028	1,028	2,863	1,028
TOTAL COSTS	2,242	2,950	30,417	21,257	1,028	1,028	58,922	1,028

ONE-TIME SAVES -----($K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	0	0	0	0	0	0	0
Fam Housing	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							
Land Sales	0	0	0	0	0	0	0
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)-----	1996	1997	1998	1999	2000	2001	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	0	0	0	0	0	0	0
BOS	0	0	0	0	0	0	0	0
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
CHAMPUS	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	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	0	0	0	0	0	0
TOTAL SAVINGS	0	0	0	0	0	0	0	0

Department : NAVY
Option Package : Indy/Louis 028DB
Scenario File : P:\COBRA\BCRC\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NSYD NORFOLK, VA

ONE-TIME NET -----($K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	2,242	2,405	5,235	7,852	0	0	17,734
Fam Housing	0	0	0	0	0	0	0
O&M							
Civ Retir/RIF	0	0	0	0	0	0	0
Civ Moving	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
MIL PERSONNEL							
Mil Moving	0	0	0	0	0	0	0
OTHER							
HAP / RSE	0	0	0	0	0	0	0
Environmental	0	0	0	0	0	0	0
Info Manage	0	0	0	0	0	0	0
1-Time Other	0	500	25,000	12,825	0	0	38,325
Land	0	0	0	0	0	0	0
TOTAL ONE-TIME	2,242	2,905	30,235	20,677	0	0	56,059

RECURRING NET -----($K)-----	1996	1997	1998	1999	2000	2001	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	-0	-0	-0	-0	-0	-0	-0	-0
BOS	0	45	183	482	930	930	2,569	930
Unique Operat	0	0	0	0	0	0	0	0
Caretaker	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Salary	0	0	0	0	0	0	0	0
House Allow	0	0	0	0	0	0	0	0
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	98	98	98	294	98
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	-0	45	183	580	1,028	1,028	2,863	1,028
TOTAL NET COST	2,242	2,950	30,417	21,257	1,028	1,028	58,922	1,028

Department : NAVY
Option Package : Indy/Louis 028DB
Scenario File : P:\COBRA\BCRC\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NTC GREAT LAKES, IL

ONE-TIME COSTS -----($K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	0	0	0	0	0	0	0
Fam Housing	0	0	0	0	0	0	0
Land Purch	0	0	0	0	0	0	0
O&M							
CIV SALARY							
Civ RIFs	0	0	0	0	0	0	0
Civ Retire	0	0	0	0	0	0	0
CIV MOVING							
Per Diem	0	0	0	0	0	0	0
POV Miles	0	0	0	0	0	0	0
Home Purch	0	0	0	0	0	0	0
HHG	0	0	0	0	0	0	0
Misc	0	0	0	0	0	0	0
House Hunt	0	0	0	0	0	0	0
PPS	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
Driving	0	0	0	0	0	0	0
Unemployment	0	0	0	0	0	0	0
OTHER							
Program Plan	0	0	0	0	0	0	0
Shutdown	0	0	0	0	0	0	0
New Hires	0	0	0	0	0	0	0
1-Time Move	0	0	0	0	0	0	0
MIL PERSONNEL							
MIL MOVING							
Per Diem	0	0	0	0	0	0	0
POV Miles	0	0	0	0	0	0	0
HHG	0	0	0	0	0	0	0
Misc	0	0	0	0	0	0	0
OTHER							
Elim PCS	0	0	0	0	0	0	0
OTHER							
HAP / RSE	0	0	0	0	0	0	0
Environmental	0	0	0	0	0	0	0
Info Manage	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0
TOTAL ONE-TIME	0	0	0	0	0	0	0

Department : NAVY
Option Package : Indy/Louis 028DB
Scenario File : P:\COBRA\BCRC\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NTC GREAT LAKES, IL

RECURRINGCOSTS -----($K)-----	1996	1997	1998	1999	2000	2001	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	0	0	0	0	0	0	0
BOS	0	0	0	0	38	38	76	38
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
CHAMPUS	0	0	0	0	0	0	0	0
Caretaker	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	44	44	88	44
OTHER								
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	0	0	38	38	164	82
TOTAL COSTS	0	0	0	0	82	82	164	82

ONE-TIME SAVES -----($K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	0	0	0	0	0	0	0
Fam Housing	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							
Land Sales	0	0	0	0	0	0	0
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)-----	1996	1997	1998	1999	2000	2001	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	0	0	0	0	0	0	0
BOS	0	0	0	0	0	0	0	0
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
CHAMPUS	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	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	0	0	0	0	0	0
TOTAL SAVINGS	0	0	0	0	0	0	0	0

Department : NAVY
Option Package : Indy/Louis 028DB
Scenario File : P:\COBRA\BCRC\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NTC GREAT LAKES, IL

ONE-TIME NET -----($K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	0	0	0	0	0	0	0
Fam Housing	0	0	0	0	0	0	0
O&M							
Civ Retir/RIF	0	0	0	0	0	0	0
Civ Moving	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
MIL PERSONNEL							
Mil Moving	0	0	0	0	0	0	0
OTHER							
HAP / RSE	0	0	0	0	0	0	0
Environmental	0	0	0	0	0	0	0
Info Manage	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0
Land	0	0	0	0	0	0	0
TOTAL ONE-TIME	0	0	0	0	0	0	0

RECURRING NET -----($K)-----	1996	1997	1998	1999	2000	2001	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	0	0	0	0	0	0	0
BOS	0	0	0	0	38	38	76	38
Unique Operat	0	0	0	0	0	0	0	0
Caretaker	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Salary	0	0	0	0	0	0	0	0
House Allow	0	0	0	0	44	44	88	44
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	0	0	82	82	164	82
TOTAL NET COST	0	0	0	0	82	82	164	82

Department : NAVY
Option Package : Indy/Louis 028DB
Scenario File : P:\COBRA\BCRC\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: WATERVLIET ARMY ARS., NY

ONE-TIME COSTS -----($K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	0	0	0	0	0	0	0
Fam Housing	0	0	0	0	0	0	0
Land Purch	0	0	0	0	0	0	0
O&M							
CIV SALARY							
Civ RIFs	0	0	0	0	0	0	0
Civ Retire	0	0	0	0	0	0	0
CIV MOVING							
Per Diem	0	0	0	0	0	0	0
POV Miles	0	0	0	0	0	0	0
Home Purch	0	0	0	0	0	0	0
HHG	0	0	0	0	0	0	0
Misc	0	0	0	0	0	0	0
House Hunt	0	0	0	0	0	0	0
PPS	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
Driving	0	0	0	0	0	0	0
Unemployment	0	0	0	0	0	0	0
OTHER							
Program Plan	0	0	0	0	0	0	0
Shutdown	0	0	0	0	0	0	0
New Hires	0	0	0	0	0	0	0
1-Time Move	0	0	0	0	0	0	0
MIL PERSONNEL							
MIL MOVING							
Per Diem	0	0	0	0	0	0	0
POV Miles	0	0	0	0	0	0	0
HHG	0	0	0	0	0	0	0
Misc	0	0	0	0	0	0	0
OTHER							
Elim PCS	0	0	0	0	0	0	0
OTHER							
HAP / RSE	0	0	0	0	0	0	0
Environmental	0	0	0	0	0	0	0
Info Manage	0	0	0	0	0	0	0
1-Time Other	0	0	0	630	0	0	630
TOTAL ONE-TIME	0	0	0	630	0	0	630

Department : NAVY
Option Package : Indy/Louis 028DB
Scenario File : P:\COBRA\BCRC\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: WATERVLIET ARMY ARS., NY

RECURRINGCOSTS -----($K)-----	1996	1997	1998	1999	2000	2001	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	0	0	0	0	0	0	0
BOS	0	0	0	0	0	0	0	0
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
CHAMPUS	0	0	0	0	0	0	0	0
Caretaker	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	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	0	0	0	0	0	0
TOTAL COSTS	0	0	0	630	0	0	630	0

ONE-TIME SAVES -----($K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	0	0	0	0	0	0	0
Fam Housing	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							
Land Sales	0	0	0	0	0	0	0
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)-----	1996	1997	1998	1999	2000	2001	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	0	0	0	0	0	0	0
BOS	0	0	0	0	0	0	0	0
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
CHAMPUS	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	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	0	0	0	0	0	0
TOTAL SAVINGS	0	0	0	0	0	0	0	0

Department : NAVY
Option Package : Indy/Louis 028DB
Scenario File : P:\COBRA\BCRC\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: WATERVLIET ARMY ARS., NY

ONE-TIME NET -----($K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	0	0	0	0	0	0	0
Fam Housing	0	0	0	0	0	0	0
O&M							
Civ Retir/RIF	0	0	0	0	0	0	0
Civ Moving	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
MIL PERSONNEL							
Mil Moving	0	0	0	0	0	0	0
OTHER							
HAP / RSE	0	0	0	0	0	0	0
Environmental	0	0	0	0	0	0	0
Info Manage	0	0	0	0	0	0	0
1-Time Other	0	0	0	630	0	0	630
Land	0	0	0	0	0	0	0
TOTAL ONE-TIME	0	0	0	630	0	0	630

RECURRING NET -----($K)-----	1996	1997	1998	1999	2000	2001	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	0	0	0	0	0	0	0
BOS	0	0	0	0	0	0	0	0
Unique Operat	0	0	0	0	0	0	0	0
Caretaker	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Salary	0	0	0	0	0	0	0	0
House Allow	0	0	0	0	0	0	0	0
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	0	0	0	0	0	0
TOTAL NET COST	0	0	0	630	0	0	630	0

Department : NAVY
Option Package : Indy/Louis 028DB
Scenario File : P:\COBRA\BCRC\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NSWC PORT HUENEME, CA

ONE-TIME COSTS -----($K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	0	0	0	0	0	0	0
Fam Housing	0	0	0	0	0	0	0
Land Purch	0	0	0	0	0	0	0
O&M							
CIV SALARY							
Civ RIFs	0	0	0	0	0	0	0
Civ Retire	0	0	0	0	0	0	0
CIV MOVING							
Per Diem	0	0	0	0	0	0	0
POV Miles	0	0	0	0	0	0	0
Home Purch	0	0	0	0	0	0	0
HHG	0	0	0	0	0	0	0
Misc	0	0	0	0	0	0	0
House Hunt	0	0	0	0	0	0	0
PPS	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
Driving	0	0	0	0	0	0	0
Unemployment	0	0	0	0	0	0	0
OTHER							
Program Plan	0	0	0	0	0	0	0
Shutdown	0	0	0	0	0	0	0
New Hires	0	0	0	0	0	0	0
1-Time Move	0	0	0	0	0	0	0
MIL PERSONNEL							
MIL MOVING							
Per Diem	0	0	0	0	0	0	0
POV Miles	0	0	0	0	0	0	0
HHG	0	0	0	0	0	0	0
Misc	0	0	0	0	0	0	0
OTHER							
Elim PCS	0	0	0	0	0	0	0
OTHER							
HAP / RSE	0	0	0	0	0	0	0
Environmental	0	0	0	0	0	0	0
Info Manage	0	0	0	0	0	0	0
1-Time Other	0	0	206	230	0	0	436
TOTAL ONE-TIME	0	0	206	230	0	0	436

Department : NAVY
Option Package : Indy/Louis 028DB
Scenario File : P:\COBRA\BCRC\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NSWC PORT HUENEME, CA

RECURRINGCOSTS -----($K)-----	1996	1997	1998	1999	2000	2001	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	0	0	0	0	0	0	0
BOS	0	0	0	106	323	323	753	323
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
CHAMPUS	0	0	0	0	0	0	0	0
Caretaker	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	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	0	106	323	323	753	323
TOTAL COSTS	0	0	206	336	323	323	1,189	323

ONE-TIME SAVES -----($K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	0	0	0	0	0	0	0
Fam Housing	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							
Land Sales	0	0	0	0	0	0	0
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)-----	1996	1997	1998	1999	2000	2001	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	0	0	0	0	0	0	0
BOS	0	0	0	0	0	0	0	0
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
CHAMPUS	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	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	0	0	0	0	0	0
TOTAL SAVINGS	0	0	0	0	0	0	0	0

Department : NAVY
Option Package : Indy/Louis 028DB
Scenario File : P:\COBRA\BCRC\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NSWC PORT HUENEME, CA

ONE-TIME NET -----($K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	0	0	0	0	0	0	0
Fam Housing	0	0	0	0	0	0	0
O&M							
Civ Retir/RIF	0	0	0	0	0	0	0
Civ Moving	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
MIL PERSONNEL							
Mil Moving	0	0	0	0	0	0	0
OTHER							
HAP / RSE	0	0	0	0	0	0	0
Environmental	0	0	0	0	0	0	0
Info Manage	0	0	0	0	0	0	0
1-Time Other	0	0	206	230	0	0	436
Land	0	0	0	0	0	0	0
TOTAL ONE-TIME	0	0	206	230	0	0	436

RECURRING NET -----($K)-----	1996	1997	1998	1999	2000	2001	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	0	0	0	0	0	0	0
BOS	0	0	0	106	323	323	753	323
Unique Operat	0	0	0	0	0	0	0	0
Caretaker	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Salary	0	0	0	0	0	0	0	0
House Allow	0	0	0	0	0	0	0	0
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	0	106	323	323	753	323
TOTAL NET COST	0	0	206	336	323	323	1,189	323

INPUT DATA REPORT (COBRA v5.08)
Data As Of 12:48 03/21/1995, Report Created 12:48 03/21/1995

Department : NAVY
Option Package : Indy/Louis 028DB
Scenario File : P:\COBRA\BCRC\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

INPUT SCREEN ONE - GENERAL SCENARIO INFORMATION

Model Year One : FY 1996

Model does Time-Phasing of Construction/Shutdown: Yes

Base Name	Strategy:
NAWC AD INDIANAPOLIS, IN	Closes in FY 2000
NSWC LOUISVILLE, KY	Closes in FY 2000
NSWC CRANE, IN	Realignment
NAWC AD PAX RIVER, MD	Realignment
NAWC WPN CHINA LAKE, CA	Realignment
NSYD NORFOLK, VA	Realignment
NTC GREAT LAKES, IL	Realignment
WATERVLIET ARMY ARS., NY	Realignment
NSWC PORT HUENEME, CA	Realignment

Summary:

Combines SDDC 028D and 012B: closure of NAWC Indianapolis and of NSWC Louisville; depot workload to NSYD Norfolk; other workload realigned as appropriate (primarily to NSWC Crane).

Baseline scenario 028Z;
REFINES ONE-TIME COSTS AND WORKLOAD TRANSFER TO WATERVLIET TO REFLECT FINAL CERTIFIED DATA.

INPUT SCREEN TWO - DISTANCE TABLE

From Base:	To Base:	Distance:
NAWC AD INDIANAPOLIS, IN	NSWC CRANE, IN	90 mi
NAWC AD INDIANAPOLIS, IN	NAWC AD PAX RIVER, MD	657 mi
NAWC AD INDIANAPOLIS, IN	NAWC WPN CHINA LAKE, CA	2,064 mi
NAWC AD INDIANAPOLIS, IN	NTC GREAT LAKES, IL	214 mi
NSWC LOUISVILLE, KY	NSWC CRANE, IN	106 mi
NSWC LOUISVILLE, KY	NSYD NORFOLK, VA	642 mi
NSWC LOUISVILLE, KY	WATERVLIET ARMY ARS., NY	813 mi
NSWC LOUISVILLE, KY	NSWC PORT HUENEME, CA	2,158 mi

INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from NAWC AD INDIANAPOLIS, IN to NSWC CRANE, IN

	1996	1997	1998	1999	2000	2001
Officer Positions:	0	0	1	1	0	0
Enlisted Positions:	0	0	0	0	0	0
Civilian Positions:	1	57	469	470	155	0
Student Positions:	0	0	0	0	0	0
Missn Eqpt (tons):	0	0	1,237	1,434	0	0
Suppt Eqpt (tons):	0	0	0	0	0	0
Military Light Vehicles:	1	0	0	26	0	0
Heavy/Special Vehicles:	0	0	0	41	0	0

Department : NAVY
Option Package : Indy/Louis 028DB
Scenario File : P:\COBRA\BCRC\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from NAWC AD INDIANAPOLIS, IN to NAWC AD PAX RIVER, MD

	1996	1997	1998	1999	2000	2001
Officer Positions:	0	0	0	0	0	0
Enlisted Positions:	0	0	0	0	0	0
Civilian Positions:	0	0	70	75	0	0
Student Positions:	0	0	0	0	0	0
Missn Eqpt (tons):	0	0	0	20	0	0
Suppt Eqpt (tons):	0	0	0	0	0	0
Military Light Vehicles:	0	0	0	0	0	0
Heavy/Special Vehicles:	0	0	0	0	0	0

Transfers from NAWC AD INDIANAPOLIS, IN to NAWC WPN CHINA LAKE, CA

	1996	1997	1998	1999	2000	2001
Officer Positions:	0	0	0	1	0	0
Enlisted Positions:	0	0	0	17	0	0
Civilian Positions:	0	0	100	182	0	0
Student Positions:	0	0	0	0	0	0
Missn Eqpt (tons):	0	0	0	185	0	0
Suppt Eqpt (tons):	0	0	0	0	0	0
Military Light Vehicles:	0	0	0	0	0	0
Heavy/Special Vehicles:	0	0	0	0	0	0

Transfers from NAWC AD INDIANAPOLIS, IN to NTC GREAT LAKES, IL

	1996	1997	1998	1999	2000	2001
Officer Positions:	0	0	0	0	0	0
Enlisted Positions:	0	0	0	0	10	0
Civilian Positions:	0	0	0	0	5	0
Student Positions:	0	0	0	0	0	0
Missn Eqpt (tons):	0	0	0	0	0	0
Suppt Eqpt (tons):	0	0	0	0	0	0
Military Light Vehicles:	0	0	0	0	0	0
Heavy/Special Vehicles:	0	0	0	0	0	0

Transfers from NSWC LOUISVILLE, KY to NSWC CRANE, IN

	1996	1997	1998	1999	2000	2001
Officer Positions:	0	0	0	0	0	0
Enlisted Positions:	0	0	2	0	9	0
Civilian Positions:	0	13	71	242	192	0
Student Positions:	0	0	0	0	0	0
Missn Eqpt (tons):	0	0	163	949	1,622	0
Suppt Eqpt (tons):	0	1,702	1,702	1,703	0	0
Military Light Vehicles:	0	0	0	0	0	0
Heavy/Special Vehicles:	0	0	0	0	11	0

Department : NAVY
Option Package : Indy/Louis 028DB
Scenario File : P:\COBRA\BCRC\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from NSWC LOUISVILLE, KY to NSYD NORFOLK, VA

	1996	1997	1998	1999	2000	2001
Officer Positions:	0	0	0	0	0	0
Enlisted Positions:	0	0	0	0	0	0
Civilian Positions:	0	11	34	74	111	0
Student Positions:	0	0	0	0	0	0
Missn Eqpt (tons):	0	59	80	1,486	1,679	0
Suppt Eqpt (tons):	0	3,012	3,012	3,011	0	0
Military Light Vehicles:	0	0	0	0	0	0
Heavy/Special Vehicles:	0	0	0	0	0	0

Transfers from NSWC LOUISVILLE, KY to NSWC PORT HUENEME, CA

	1996	1997	1998	1999	2000	2001
Officer Positions:	0	0	0	0	0	0
Enlisted Positions:	0	0	0	0	0	0
Civilian Positions:	0	0	0	35	72	0
Student Positions:	0	0	0	0	0	0
Missn Eqpt (tons):	0	0	63	127	195	0
Suppt Eqpt (tons):	0	0	0	0	0	0
Military Light Vehicles:	0	0	0	0	0	0
Heavy/Special Vehicles:	0	0	0	0	0	0

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: NAWC AD INDIANAPOLIS, IN

Total Officer Employees:	9	RPMA Non-Payroll ($K/Year):	769
Total Enlisted Employees:	25	Communications ($K/Year):	0
Total Student Employees:	0	BOS Non-Payroll ($K/Year):	21,025
Total Civilian Employees:	2,852	BOS Payroll ($K/Year):	19,900
Mil Families Living On Base:	0.0%	Family Housing ($K/Year):	0
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	0.97
Officer Housing Units Avail:	0	CHAMPUS In-Pat ($/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat ($/Visit):	0
Total Base Facilities(KSF):	1,029	CHAMPUS Shift to Medicare:	0.0%
Officer VHA ($/Month):	113	Activity Code:	00163
Enlisted VHA ($/Month):	24		
Per Diem Rate ($/Day):	105	Homeowner Assistance Program:	No
Freight Cost ($/Ton/Mile):	0.07	Unique Activity Information:	No

Name: NSWC LOUISVILLE, KY

Total Officer Employees:	5	RPMA Non-Payroll ($K/Year):	2,718
Total Enlisted Employees:	11	Communications ($K/Year):	0
Total Student Employees:	0	BOS Non-Payroll ($K/Year):	4,942
Total Civilian Employees:	1,607	BOS Payroll ($K/Year):	19,697
Mil Families Living On Base:	0.0%	Family Housing ($K/Year):	0
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	0.92
Officer Housing Units Avail:	0	CHAMPUS In-Pat ($/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat ($/Visit):	0
Total Base Facilities(KSF):	1,668	CHAMPUS Shift to Medicare:	0.0%
Officer VHA ($/Month):	29	Activity Code:	00197
Enlisted VHA ($/Month):	10		
Per Diem Rate ($/Day):	94	Homeowner Assistance Program:	No
Freight Cost ($/Ton/Mile):	0.07	Unique Activity Information:	No

Department : NAVY
Option Package : Indy/Louis 028DB
Scenario File : P:\COBRA\BCRC\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: NSWC CRANE, IN

Total Officer Employees:	14	RPMA Non-Payroll ($K/Year):	6,162
Total Enlisted Employees:	83	Communications ($K/Year):	0
Total Student Employees:	0	BOS Non-Payroll ($K/Year):	12,477
Total Civilian Employees:	3,256	BOS Payroll ($K/Year):	38,752
Mil Families Living On Base:	34.0%	Family Housing ($K/Year):	83
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	1.01
Officer Housing Units Avail:	0	CHAMPUS In-Pat ($/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat ($/Visit):	0
Total Base Facilities(KSF):	5,390	CHAMPUS Shift to Medicare:	0.0%
Officer VHA ($/Month):	28	Activity Code:	00164
Enlisted VHA ($/Month):	12		
Per Diem Rate ($/Day):	82	Homeowner Assistance Program:	No
Freight Cost ($/Ton/Mile):	0.07	Unique Activity Information:	No

Name: NAWC AD PAX RIVER, MD

Total Officer Employees:	463	RPMA Non-Payroll ($K/Year):	22,778
Total Enlisted Employees:	2,361	Communications ($K/Year):	0
Total Student Employees:	23	BOS Non-Payroll ($K/Year):	64,222
Total Civilian Employees:	3,119	BOS Payroll ($K/Year):	46,573
Mil Families Living On Base:	44.0%	Family Housing ($K/Year):	2,111
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	1.03
Officer Housing Units Avail:	0	CHAMPUS In-Pat ($/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat ($/Visit):	0
Total Base Facilities(KSF):	3,985	CHAMPUS Shift to Medicare:	0.0%
Officer VHA ($/Month):	281	Activity Code:	00421
Enlisted VHA ($/Month):	217		
Per Diem Rate ($/Day):	80	Homeowner Assistance Program:	No
Freight Cost ($/Ton/Mile):	0.07	Unique Activity Information:	No

Name: NAWC WPN CHINA LAKE, CA

Total Officer Employees:	143	RPMA Non-Payroll ($K/Year):	9,448
Total Enlisted Employees:	868	Communications ($K/Year):	0
Total Student Employees:	0	BOS Non-Payroll ($K/Year):	47,603
Total Civilian Employees:	4,226	BOS Payroll ($K/Year):	39,527
Mil Families Living On Base:	95.0%	Family Housing ($K/Year):	2,251
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	1.40
Officer Housing Units Avail:	0	CHAMPUS In-Pat ($/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat ($/Visit):	0
Total Base Facilities(KSF):	4,002	CHAMPUS Shift to Medicare:	0.0%
Officer VHA ($/Month):	91	Activity Code:	60530
Enlisted VHA ($/Month):	49		
Per Diem Rate ($/Day):	140	Homeowner Assistance Program:	No
Freight Cost ($/Ton/Mile):	0.07	Unique Activity Information:	No

Name: NSYD NORFOLK, VA

Total Officer Employees:	75	RPMA Non-Payroll ($K/Year):	24,057
Total Enlisted Employees:	106	Communications ($K/Year):	0
Total Student Employees:	0	BOS Non-Payroll ($K/Year):	68,753
Total Civilian Employees:	8,952	BOS Payroll ($K/Year):	62,001
Mil Families Living On Base:	10.0%	Family Housing ($K/Year):	71
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	0.92
Officer Housing Units Avail:	0	CHAMPUS In-Pat ($/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat ($/Visit):	0
Total Base Facilities(KSF):	7,761	CHAMPUS Shift to Medicare:	0.0%
Officer VHA ($/Month):	222	Activity Code:	00181
Enlisted VHA ($/Month):	138		
Per Diem Rate ($/Day):	104	Homeowner Assistance Program:	No
Freight Cost ($/Ton/Mile):	0.07	Unique Activity Information:	No

Department : NAVY
Option Package : Indy/Louis 028DB
Scenario File : P:\COBRA\BCRC\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: NTC GREAT LAKES, IL

Total Officer Employees:	193	RPMA Non-Payroll ($K/Year):	12,590
Total Enlisted Employees:	2,372	Communications ($K/Year):	0
Total Student Employees:	4,711	BOS Non-Payroll ($K/Year):	38,153
Total Civilian Employees:	893	BOS Payroll ($K/Year):	34,092
Mil Families Living On Base:	69.0%	Family Housing ($K/Year):	1,401
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	1.19
Officer Housing Units Avail:	0	CHAMPUS In-Pat ($/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat ($/Visit):	0
Total Base Facilities(KSF):	7,435	CHAMPUS Shift to Medicare:	0.0%
Officer VHA ($/Month):	360	Activity Code:	00210
Enlisted VHA ($/Month):	176		
Per Diem Rate ($/Day):	142	Homeowner Assistance Program:	No
Freight Cost ($/Ton/Mile):	0.07	Unique Activity Information:	No

Name: WATERVLIET ARMY ARS., NY

Total Officer Employees:	4	RPMA Non-Payroll ($K/Year):	2,305
Total Enlisted Employees:	0	Communications ($K/Year):	1,306
Total Student Employees:	0	BOS Non-Payroll ($K/Year):	3,054
Total Civilian Employees:	1,553	BOS Payroll ($K/Year):	8,164
Mil Families Living On Base:	100.0%	Family Housing ($K/Year):	472
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	1.10
Officer Housing Units Avail:	0	CHAMPUS In-Pat ($/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat ($/Visit):	0
Total Base Facilities(KSF):	2,038	CHAMPUS Shift to Medicare:	0.0%
Officer VHA ($/Month):	214	Activity Code:	36990
Enlisted VHA ($/Month):	171		
Per Diem Rate ($/Day):	98	Homeowner Assistance Program:	No
Freight Cost ($/Ton/Mile):	0.07	Unique Activity Information:	No

Name: NSWC PORT HUENEME, CA

Total Officer Employees:	257	RPMA Non-Payroll ($K/Year):	8,357
Total Enlisted Employees:	3,452	Communications ($K/Year):	0
Total Student Employees:	35	BOS Non-Payroll ($K/Year):	40,754
Total Civilian Employees:	3,512	BOS Payroll ($K/Year):	44,854
Mil Families Living On Base:	38.0%	Family Housing ($K/Year):	440
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	1.18
Officer Housing Units Avail:	0	CHAMPUS In-Pat ($/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat ($/Visit):	0
Total Base Facilities(KSF):	4,160	CHAMPUS Shift to Medicare:	0.0%
Officer VHA ($/Month):	404	Activity Code:	62583
Enlisted VHA ($/Month):	317		
Per Diem Rate ($/Day):	140	Homeowner Assistance Program:	No
Freight Cost ($/Ton/Mile):	0.07	Unique Activity Information:	No

Data As Of 12:48 03/21/1995, Report Created 12:48 03/21/1995

Department : NAVY
Option Package : Indy/Louis 028DB
Scenario File : P:\COBRA\BCRC\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: NAWC AD INDIANAPOLIS, IN

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost ($K):	0	0	0	0	4	0
1-Time Unique Save ($K):	0	0	0	0	0	0
1-Time Moving Cost ($K):	0	0	0	0	0	0
1-Time Moving Save ($K):	0	0	0	0	0	0
Env Non-MilCon Reqd($K):	0	0	0	0	0	0
Activ Mission Cost ($K):	0	0	44	125	144	144
Activ Mission Save ($K):	0	0	0	0	0	0
Misc Recurring Cost($K):	0	0	0	0	0	0
Misc Recurring Save($K):	0	0	0	0	0	13
Land (+Buy/-Sales) ($K):	0	0	0	0	0	0
Construction Schedule(%):	0%	0%	0%	0%	0%	0%
Shutdown Schedule (%):	0%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc($K):	0	11,180	0	0	0	0
Fam Housing Avoidnc($K):	0	0	0	0	0	0
Procurement Avoidnc($K):	205	400	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0

Facil ShutDown(KSF): 1,029 Perc Family Housing ShutDown: 100.0%

Name: NSWC LOUISVILLE, KY

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost ($K):	0	0	180	184	0	0
1-Time Unique Save ($K):	0	0	0	0	0	0
1-Time Moving Cost ($K):	0	0	709	99	0	0
1-Time Moving Save ($K):	0	0	0	0	0	0
Env Non-MilCon Reqd($K):	0	0	0	0	0	0
Activ Mission Cost ($K):	0	0	0	0	0	0
Activ Mission Save ($K):	0	0	0	0	0	0
Misc Recurring Cost($K):	0	0	0	0	0	0
Misc Recurring Save($K):	0	0	0	0	0	0
Land (+Buy/-Sales) ($K):	0	0	0	0	0	0
Construction Schedule(%):	0%	0%	0%	0%	0%	0%
Shutdown Schedule (%):	0%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc($K):	0	0	0	0	0	0
Fam Housing Avoidnc($K):	0	0	0	0	0	0
Procurement Avoidnc($K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0

Facil ShutDown(KSF): 1,668 Perc Family Housing ShutDown: 100.0%

Name: NSWC CRANE, IN

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost ($K):	1,451	4,424	1,800	29	0	0
1-Time Unique Save ($K):	0	0	0	0	0	0
1-Time Moving Cost ($K):	0	0	0	0	0	0
1-Time Moving Save ($K):	0	0	0	0	0	0
Env Non-MilCon Reqd($K):	100	0	0	0	0	0
Activ Mission Cost ($K):	0	0	0	0	0	0
Activ Mission Save ($K):	0	0	0	0	0	0
Misc Recurring Cost($K):	0	0	0	0	0	0
Misc Recurring Save($K):	0	0	0	0	0	0
Land (+Buy/-Sales) ($K):	0	0	0	0	0	0
Construction Schedule(%):	0%	0%	0%	0%	0%	0%
Shutdown Schedule (%):	0%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc($K):	0	0	0	0	0	0
Fam Housing Avoidnc($K):	0	0	0	0	0	0
Procurement Avoidnc($K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0

Facil ShutDown(KSF): 0 Perc Family Housing ShutDown: 0.0%

(See final page for Explanatory Notes)

Department : NAVY
Option Package : Indy/Louis 028DB
Scenario File : P:\COBRA\BCRC\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: NAWC AD PAX RIVER, MD

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost ($K):	0	0	0	0	0	0
1-Time Unique Save ($K):	0	0	0	0	0	0
1-Time Moving Cost ($K):	0	0	0	0	0	0
1-Time Moving Save ($K):	0	0	0	0	0	0
Env Non-MilCon Reqd($K):	0	0	0	0	0	0
Activ Mission Cost ($K):	0	0	0	0	0	0
Activ Mission Save ($K):	0	0	0	0	0	0
Misc Recurring Cost($K):	0	0	0	0	0	0
Misc Recurring Save($K):	0	0	0	0	0	0
Land (+Buy/-Sales) ($K):	0	0	0	0	0	0
Construction Schedule(%):	0%	0%	0%	0%	0%	0%
Shutdown Schedule (%):	0%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc($K):	0	0	0	0	0	0
Fam Housing Avoidnc($K):	0	0	0	0	0	0
Procurement Avoidnc($K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	0	Perc Family Housing ShutDown:				0.0%

Name: NAWC WPN CHINA LAKE, CA

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost ($K):	0	0	0	0	0	0
1-Time Unique Save ($K):	0	0	0	0	0	0
1-Time Moving Cost ($K):	0	0	0	0	0	0
1-Time Moving Save ($K):	0	0	0	0	0	0
Env Non-MilCon Reqd($K):	0	0	0	0	0	0
Activ Mission Cost ($K):	0	0	0	0	0	0
Activ Mission Save ($K):	0	0	0	0	0	0
Misc Recurring Cost($K):	0	0	0	0	0	0
Misc Recurring Save($K):	0	0	0	0	0	0
Land (+Buy/-Sales) ($K):	0	0	0	0	0	0
Construction Schedule(%):	0%	0%	0%	0%	0%	0%
Shutdown Schedule (%):	0%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc($K):	0	0	0	0	0	0
Fam Housing Avoidnc($K):	0	0	0	0	0	0
Procurement Avoidnc($K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	0	Perc Family Housing ShutDown:				0.0%

Name: NSYD NORFOLK, VA

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost ($K):	0	500	25,000	12,825	0	0
1-Time Unique Save ($K):	0	0	0	0	0	0
1-Time Moving Cost ($K):	0	0	0	0	0	0
1-Time Moving Save ($K):	0	0	0	0	0	0
Env Non-MilCon Reqd($K):	0	0	0	0	0	0
Activ Mission Cost ($K):	0	0	0	0	0	0
Activ Mission Save ($K):	0	0	0	0	0	0
Misc Recurring Cost($K):	0	0	0	98	98	98
Misc Recurring Save($K):	0	0	0	0	0	0
Land (+Buy/-Sales) ($K):	0	0	0	0	0	0
Construction Schedule(%):	0%	0%	0%	0%	0%	0%
Shutdown Schedule (%):	0%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc($K):	0	0	0	0	0	0
Fam Housing Avoidnc($K):	0	0	0	0	0	0
Procurement Avoidnc($K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	0	Perc Family Housing ShutDown:				0.0%

(See final page for Explanatory Notes)

Department : NAVY
Option Package : Indy/Louis 028DB
Scenario File : P:\COBRA\BCRC\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: NTC GREAT LAKES, IL

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost ($K):	0	0	0	0	0	0
1-Time Unique Save ($K):	0	0	0	0	0	0
1-Time Moving Cost ($K):	0	0	0	0	0	0
1-Time Moving Save ($K):	0	0	0	0	0	0
Env Non-MilCon Reqd($K):	0	0	0	0	0	0
Activ Mission Cost ($K):	0	0	0	0	0	0
Activ Mission Save ($K):	0	0	0	0	0	0
Misc Recurring Cost($K):	0	0	0	0	0	0
Misc Recurring Save($K):	0	0	0	0	0	0
Land (+Buy/-Sales) ($K):	0	0	0	0	0	0
Construction Schedule(%):	0%	0%	0%	0%	0%	0%
Shutdown Schedule (%):	0%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc($K):	0	0	0	0	0	0
Fam Housing Avoidnc($K):	0	0	0	0	0	0
Procurement Avoidnc($K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	0	Perc Family Housing ShutDown:				0.0%

Name: WATERVLIET ARMY ARS., NY

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost ($K):	0	0	0	630	0	0
1-Time Unique Save ($K):	0	0	0	0	0	0
1-Time Moving Cost ($K):	0	0	0	0	0	0
1-Time Moving Save ($K):	0	0	0	0	0	0
Env Non-MilCon Reqd($K):	0	0	0	0	0	0
Activ Mission Cost ($K):	0	0	0	0	0	0
Activ Mission Save ($K):	0	0	0	0	0	0
Misc Recurring Cost($K):	0	0	0	0	0	0
Misc Recurring Save($K):	0	0	0	0	0	0
Land (+Buy/-Sales) ($K):	0	0	0	0	0	0
Construction Schedule(%):	0%	0%	0%	0%	0%	0%
Shutdown Schedule (%):	0%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc($K):	0	0	0	0	0	0
Fam Housing Avoidnc($K):	0	0	0	0	0	0
Procurement Avoidnc($K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	0	Perc Family Housing ShutDown:				0.0%

Name: NSWC PORT HUENEME, CA

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost ($K):	0	0	206	230	0	0
1-Time Unique Save ($K):	0	0	0	0	0	0
1-Time Moving Cost ($K):	0	0	0	0	0	0
1-Time Moving Save ($K):	0	0	0	0	0	0
Env Non-MilCon Reqd($K):	0	0	0	0	0	0
Activ Mission Cost ($K):	0	0	0	0	0	0
Activ Mission Save ($K):	0	0	0	0	0	0
Misc Recurring Cost($K):	0	0	0	0	0	0
Misc Recurring Save($K):	0	0	0	0	0	0
Land (+Buy/-Sales) ($K):	0	0	0	0	0	0
Construction Schedule(%):	0%	0%	0%	0%	0%	0%
Shutdown Schedule (%):	0%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc($K):	0	0	0	0	0	0
Fam Housing Avoidnc($K):	0	0	0	0	0	0
Procurement Avoidnc($K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	0	Perc Family Housing ShutDown:				0.0%

(See final page for Explanatory Notes)

Department : NAVY
Option Package : Indy/Louis 028DB
Scenario File : P:\COBRA\BCRC\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

INPUT SCREEN SIX - BASE PERSONNEL INFORMATION

Name: NAWC AD INDIANAPOLIS, IN

	1996	1997	1998	1999	2000	2001
Off Force Struc Change:	0	0	0	0	0	0
Enl Force Struc Change:	2	0	0	0	0	0
Civ Force Struc Change:	-240	0	0	0	0	0
Stu Force Struc Change:	0	0	0	0	0	0
Off Scenario Change:	0	0	0	0	-6	0
Enl Scenario Change:	0	0	0	0	0	0
Civ Scenario Change:	0	0	0	-185	-242	0
Off Change(No Sal Save):	0	0	0	0	0	0
Enl Change(No Sal Save):	0	0	0	0	0	0
Civ Change(No Sal Save):	0	0	0	-601	0	0
Caretakers - Military:	0	0	0	0	0	0
Caretakers - Civilian:	0	0	0	0	0	0

INPUT SCREEN SIX - BASE PERSONNEL INFORMATION

Name: NSWC LOUISVILLE, KY

	1996	1997	1998	1999	2000	2001
Off Force Struc Change:	-1	0	0	0	0	0
Enl Force Struc Change:	0	0	0	0	0	0
Civ Force Struc Change:	-300	0	0	0	0	0
Stu Force Struc Change:	0	0	0	0	0	0
Off Scenario Change:	0	0	0	0	-4	0
Enl Scenario Change:	0	0	0	0	0	0
Civ Scenario Change:	0	-46	-66	-125	-200	0
Off Change(No Sal Save):	0	0	0	0	0	0
Enl Change(No Sal Save):	0	0	0	0	0	0
Civ Change(No Sal Save):	0	0	0	-15	0	0
Caretakers - Military:	0	0	0	0	0	0
Caretakers - Civilian:	0	0	0	0	0	0

INPUT SCREEN SEVEN - BASE MILITARY CONSTRUCTION INFORMATION

Name: NSWC CRANE, IN

Description	Categ	New MilCon	Rehab MilCon	Total Cost($K)
ADMIN FM INDY	ADMIN	110,000	0	8,800
MAINTENANCE FM INDY	MAINT	0	54,600	0
SCIF FM INDY	RDT&E	0	0	768
SHIP MAINTENANCE FM LOUISVILLE	SHPYD	0	3,500	650
MAINTENANCE FM LOUISVILLE	MAINT	0	100,000	2,000

Name: NAWC AD PAX RIVER, MD

Description	Categ	New MilCon	Rehab MilCon	Total Cost($K)
ADMIN	ADMIN	0	21,750	185
RDT&E	RDT&E	0	2,560	22
NETWORK	RDT&E	0	0	375

Department : NAVY
Option Package : Indy/Louis 028DB
Scenario File : P:\COBRA\BCRC\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

INPUT SCREEN SEVEN - BASE MILITARY CONSTRUCTION INFORMATION

Name: NAWC WPN CHINA LAKE, CA

Description	Categ	New MilCon	Rehab MilCon	Total Cost($K)
ADMIN	ADMIN	0	45,000	605
MAINTENANCE	MAINT	0	14,166	142
RDT&E	RDT&E	0	5,389	135
scif	RDT&E	0	0	288

Name: NSYD NORFOLK, VA

Description	Categ	New MilCon	Rehab MilCon	Total Cost($K)
STORAGE	STORA	0	30,000	0
SHOP SPACE	SHPYD	0	100,000	0

STANDARD FACTORS SCREEN ONE - PERSONNEL

Percent Officers Married:	71.70%	Civ Early Retire Pay Factor:	9.00%
Percent Enlisted Married:	60.10%	Priority Placement Service:	60.00%
Enlisted Housing MilCon:	98.00%	PPS Actions Involving PCS:	50.00%
Officer Salary($/Year):	76,781.00	Civilian PCS Costs ($):	28,800.00
Off BAQ with Dependents($):	7,925.00	Civilian New Hire Cost($):	0.00
Enlisted Salary($/Year):	33,178.00	Nat Median Home Price($):	114,600.00
Enl BAQ with Dependents($):	5,251.00	Home Sale Reimburse Rate:	10.00%
Avg Unemploy Cost($/Week):	174.00	Max Home Sale Reimburs($):	22,385.00
Unemployment Eligibility(Weeks):	18	Home Purch Reimburse Rate:	5.00%
Civilian Salary($/Year):	54,694.00	Max Home Purch Reimburs($):	11,191.00
Civilian Turnover Rate:	15.00%	Civilian Homeowning Rate:	64.00%
Civilian Early Retire Rate:	10.00%	HAP Home Value Reimburse Rate:	22.90%
Civilian Regular Retire Rate:	5.00%	HAP Homeowner Receiving Rate:	5.00%
Civilian RIF Pay Factor:	39.00%	RSE Home Value Reimburse Rate:	0.00%
SF File Desc:	NAVY DBOF BRAC95	RSE Homeowner Receiving Rate:	0.00%

STANDARD FACTORS SCREEN TWO - FACILITIES

RPMA Building SF Cost Index:	0.93	Rehab vs. New MilCon Cost:	75.00%
BOS Index (RPMA vs population):	0.54	Info Management Account:	0.00%
(Indices are used as exponents)		MilCon Design Rate:	9.00%
Program Management Factor:	10.00%	MilCon SIOH Rate:	6.00%
Caretaker Admin(SF/Care):	162.00	MilCon Contingency Plan Rate:	5.00%
Mothball Cost ($/SF):	1.25	MilCon Site Preparation Rate:	39.00%
Avg Bachelor Quarters(SF):	294.00	Discount Rate for NPV.RPT/ROI:	2.75%
Avg Family Quarters(SF):	1.00	Inflation Rate for NPV.RPT/ROI:	0.00%

APPDET.RPT Inflation Rates:
1996: 0.00% 1997: 2.90% 1998: 3.00% 1999: 3.00% 2000: 3.00% 2001: 3.00%

STANDARD FACTORS SCREEN THREE - TRANSPORTATION

Material/Assigned Person(Lb):	710	Equip Pack & Crate($/Ton):	284.00
HHG Per Off Family (Lb):	14,500.00	Mil Light Vehicle($/Mile):	0.31
HHG Per Enl Family (Lb):	9,000.00	Heavy/Spec Vehicle($/Mile):	3.38
HHG Per Mil Single (Lb):	6,400.00	POV Reimbursement($/Mile):	0.18
HHG Per Civilian (Lb):	18,000.00	Avg Mil Tour Length (Years):	4.17
Total HHG Cost ($/100Lb):	35.00	Routine PCS($/Pers/Tour):	3,763.00
Air Transport ($/Pass Mile):	0.20	One-Time Off PCS Cost($):	4,527.00
Misc Exp ($/Direct Employ):	700.00	One-Time Enl PCS Cost($):	1,403.00

Data As Of 12:48 03/21/1995, Report Created 12:48 03/21/1995

Department : NAVY
Option Package : Indy/Louis 028DB
Scenario File : P:\COBRA\BCRC\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

STANDARD FACTORS SCREEN FOUR - MILITARY CONSTRUCTION

Category	UM	$/UM	Category	UM	$/UM
Horizontal	(SY)	61	Optional Category A	( )	0
Waterfront	(LF)	10,350	Optional Category B	( )	0
Air Operations	(SF)	122	Optional Category C	( )	0
Operational	(SF)	111	Optional Category D	( )	0
Administrative	(SF)	123	Optional Category E	( )	0
School Buildings	(SF)	108	Optional Category F	( )	0
Maintenance Shops	(SF)	102	Optional Category G	( )	0
Bachelor Quarters	(SF)	96	Optional Category H	( )	0
Family Quarters	(EA)	78,750	Optional Category I	( )	0
Covered Storage	(SF)	94	Optional Category J	( )	0
Dining Facilities	(SF)	165	Optional Category K	( )	0
Recreation Facilities	(SF)	120	Optional Category L	( )	0
Communications Facil	(SF)	165	Optional Category M	( )	0
Shipyard Maintenance	(SF)	129	Optional Category N	( )	0
RDT & E Facilities	(SF)	160	Optional Category O	( )	0
POL Storage	(BL)	12	Optional Category P	( )	0
Ammunition Storage	(SF)	160	Optional Category Q	( )	0
Medical Facilities	(SF)	168	Optional Category R	( )	0
Environmental	( )	0			

EXPLANATORY NOTES (INPUT SCREEN NINE)

5 - SCREEN REPRESENTS COMBINATION OF COSTS REPORTED BY INDY AND LVILLE.

COBRA REALIGNMENT SUMMARY (COBRA v5.08) - Page 1/2
Data As Of 13:02 02/21/1995, Report Created 13:14 02/21/1995

Department : NAVY
Option Package : Indy/Louisville
Scenario File : P:\COBRA\DONE\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Starting Year : 1996
Final Year : 2000
ROI Year : 2002 (2 Years)

NPV in 2015($K): -639,883
1-Time Cost($K): 179,966

Net Costs ($K) Constant Dollars

	1996	1997	1998	1999	2000	2001	Total	Beyond
MilCon	4,705	-2,501	13,656	11,562	-3,520	0	23,902	0
Person	0	-998	-2,754	-10,681	-33,574	-48,016	-96,025	-48,016
Overhd	5,764	4,491	5,318	610	-9,776	-19,931	-13,524	-19,931
Moving	26	3,266	15,910	31,688	14,966	0	65,857	0
Missio	0	0	44	125	144	144	457	144
Other	1,346	4,524	26,800	13,484	4	0	46,158	0
TOTAL	11,842	8,782	58,974	46,788	-31,757	-67,804	26,825	-67,804

	1996	1997	1998	1999	2000	2001	Total
POSITIONS ELIMINATED							
Off	0	0	0	0	10	0	10
Enl	0	0	0	0	0	0	0
Civ	0	46	66	310	442	0	864
TOT	0	46	66	310	452	0	874
POSITIONS REALIGNED							
Off	0	0	1	2	0	0	3
Enl	0	0	2	17	19	0	38
Stu	0	0	0	0	0	0	0
Civ	1	81	744	1,093	535	0	2,454
TOT	1	81	747	1,112	554	0	2,495

Summary:

SCENARIO 028Z

COBRA REALIGNMENT SUMMARY (COBRA v5.08) - Page 2/2
Data As Of 13:02 02/21/1995, Report Created 13:14 02/21/1995

Department : NAVY
Option Package : Indy/Louisville
Scenario File : P:\COBRA\DONE\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Costs ($K) Constant Dollars

	1996	1997	1998	1999	2000	2001	Total	Beyond
MilCon	4,705	8,679	13,656	11,562	0	0	38,602	0
Person	0	260	1,586	4,044	2,131	160	8,182	160
Overhd	5,764	4,646	6,180	9,529	9,839	6,885	42,843	6,885
Moving	26	3,266	15,913	31,706	14,983	0	65,894	0
Missio	0	0	44	125	144	144	457	144
Other	1,551	4,924	26,800	13,484	4	0	46,763	0
TOTAL	12,047	21,775	64,180	70,449	27,101	7,189	202,741	7,189

Savings ($K) Constant Dollars

	1996	1997	1998	1999	2000	2001	Total	Beyond
MilCon	0	11,180	0	0	3,520	0	14,700	0
Person	0	1,258	4,341	14,725	35,706	48,177	104,207	48,177
Overhd	0	155	862	8,918	19,615	26,816	56,367	26,816
Moving	0	0	3	17	17	0	37	0
Missio	0	0	0	0	0	0	0	0
Other	205	400	0	0	0	0	605	0
TOTAL	205	12,993	5,205	23,660	58,858	74,994	175,915	74,994

TOTAL ONE-TIME COST REPORT (COBRA v5.08) - Page 1/10
Data As Of 13:02 02/21/1995, Report Created 13:14 02/21/1995

Department : NAVY
Option Package : Indy/Louisville
Scenario File : P:\COBRA\DONE\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

(All values in Dollars)

Category	Cost	Sub-Total
Construction		
Military Construction	38,602,042	
Family Housing Construction	0	
Information Management Account	0	
Land Purchases	0	
Total - Construction		38,602,042
Personnel		
Civilian RIF	5,034,036	
Civilian Early Retirement	1,939,449	
Civilian New Hires	0	
Eliminated Military PCS	45,270	
Unemployment	739,152	
Total - Personnel		7,757,907
Overhead		
Program Planning Support	17,578,452	
Mothball / Shutdown	3,371,250	
Total - Overhead		20,949,702
Moving		
Civilian Moving	45,187,238	
Civilian PPS	12,700,800	
Military Moving	182,439	
Freight	7,823,348	
One-Time Moving Costs	0	
Total - Moving		65,893,825
Other		
HAP / RSE	0	
Environmental Mitigation Costs	100,000	
One-Time Unique Costs	46,663,000	
Total - Other		46,763,000
Total One-Time Costs		179,966,476
One-Time Savings		
Military Construction Cost Avoidances	14,700,000	
Family Housing Cost Avoidances	0	
Military Moving	36,998	
Land Sales	0	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	
Total One-Time Savings		14,736,998
Total Net One-Time Costs		165,229,477

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Department : NAVY
Option Package : Indy/Louisville
Scenario File : P:\COBRA\DONE\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NAWC AD INDIANAPOLIS, IN
(All values in Dollars)

Category	Cost	Sub-Total
Construction		
Military Construction	0	
Family Housing Construction	0	
Information Management Account	0	
Land Purchases	0	
Total - Construction		0
Personnel		
Civilian RIF	3,327,583	
Civilian Early Retirement	1,294,607	
Civilian New Hires	0	
Eliminated Military PCS	27,162	
Unemployment	488,592	
Total - Personnel		5,137,944
Overhead		
Program Planning Support	11,455,694	
Mothball / Shutdown	1,286,250	
Total - Overhead		12,741,944
Moving		
Civilian Moving	29,568,965	
Civilian PPS	8,899,200	
Military Moving	143,275	
Freight	1,157,117	
One-Time Moving Costs	0	
Total - Moving		39,768,556
Other		
HAP / RSE	0	
Environmental Mitigation Costs	0	
One-Time Unique Costs	4,000	
Total - Other		4,000
Total One-Time Costs		57,652,445
One-Time Savings		
Military Construction Cost Avoidances	14,700,000	
Family Housing Cost Avoidances	0	
Military Moving	27,072	
Land Sales	0	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	
Total One-Time Savings		14,727,072
Total Net One-Time Costs		42,925,373

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Department : NAVY
Option Package : Indy/Louisville
Scenario File : P:\COBRA\DONE\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NSWC LOUISVILLE, KY
(All values in Dollars)

Category	Cost	Sub-Total
Construction		
Military Construction	0	
Family Housing Construction	0	
Information Management Account	0	
Land Purchases	0	
Total - Construction		0
Personnel		
Civilian RIF	1,706,453	
Civilian Early Retirement	644,842	
Civilian New Hires	0	
Eliminated Military PCS	18,108	
Unemployment	250,560	
Total - Personnel		2,619,963
Overhead		
Program Planning Support	6,122,758	
Mothball / Shutdown	2,085,000	
Total - Overhead		8,207,758
Moving		
Civilian Moving	15,618,274	
Civilian PPS	3,801,600	
Military Moving	39,164	
Freight	6,666,231	
One-Time Moving Costs	0	
Total - Moving		26,125,268
Other		
HAP / RSE	0	
Environmental Mitigation Costs	0	
One-Time Unique Costs	0	
Total - Other		0
Total One-Time Costs		36,952,989
One-Time Savings		
Military Construction Cost Avoidances	0	
Family Housing Cost Avoidances	0	
Military Moving	9,926	
Land Sales	0	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	
Total One-Time Savings		9,926
Total Net One-Time Costs		36,943,063

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Department : NAVY
Option Package : Indy/Louisville
Scenario File : P:\COBRA\DONE\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NSWC CRANE, IN
(All values in Dollars)

Category	Cost	Sub-Total
Construction		
Military Construction	19,115,524	
Family Housing Construction	0	
Information Management Account	0	
Land Purchases	0	
Total - Construction		19,115,524
Personnel		
Civilian RIF	0	
Civilian Early Retirement	0	
Civilian New Hires	0	
Eliminated Military PCS	0	
Unemployment	0	
Total - Personnel		0
Overhead		
Program Planning Support	0	
Mothball / Shutdown	0	
Total - Overhead		0
Moving		
Civilian Moving	0	
Civilian PPS	0	
Military Moving	0	
Freight	0	
One-Time Moving Costs	0	
Total - Moving		0
Other		
HAP / RSE	0	
Environmental Mitigation Costs	100,000	
One-Time Unique Costs	7,704,000	
Total - Other		7,804,000
Total One-Time Costs		26,919,524
One-Time Savings		
Military Construction Cost Avoidances	0	
Family Housing Cost Avoidances	0	
Military Moving	0	
Land Sales	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		26,919,524

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Department : NAVY
Option Package : Indy/Louisville
Scenario File : P:\COBRA\DONE\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NAWC AD PAX RIVER, MD
(All values in Dollars)

Category	Cost	Sub-Total
Construction		
Military Construction	582,000	
Family Housing Construction	0	
Information Management Account	0	
Land Purchases	0	
Total - Construction		582,000
Personnel		
Civilian RIF	0	
Civilian Early Retirement	0	
Civilian New Hires	0	
Eliminated Military PCS	0	
Unemployment	0	
Total - Personnel		0
Overhead		
Program Planning Support	0	
Mothball / Shutdown	0	
Total - Overhead		0
Moving		
Civilian Moving	0	
Civilian PPS	0	
Military Moving	0	
Freight	0	
One-Time Moving Costs	0	
Total - Moving		0
Other		
HAP / RSE	0	
Environmental Mitigation Costs	0	
One-Time Unique Costs	0	
Total - Other		0
Total One-Time Costs		582,000
One-Time Savings		
Military Construction Cost Avoidances	0	
Family Housing Cost Avoidances	0	
Military Moving	0	
Land Sales	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		582,000

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Department : NAVY
Option Package : Indy/Louisville
Scenario File : P:\COBRA\DONE\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NAWC WPN CHINA LAKE, CA
(All values in Dollars)

Category	Cost	Sub-Total
Construction		
Military Construction	1,170,000	
Family Housing Construction	0	
Information Management Account	0	
Land Purchases	0	
Total - Construction		1,170,000
Personnel		
Civilian RIF	0	
Civilian Early Retirement	0	
Civilian New Hires	0	
Eliminated Military PCS	0	
Unemployment	0	
Total - Personnel		0
Overhead		
Program Planning Support	0	
Mothball / Shutdown	0	
Total - Overhead		0
Moving		
Civilian Moving	0	
Civilian PPS	0	
Military Moving	0	
Freight	0	
One-Time Moving Costs	0	
Total - Moving		0
Other		
HAP / RSE	0	
Environmental Mitigation Costs	0	
One-Time Unique Costs	0	
Total - Other		0
Total One-Time Costs		1,170,000
One-Time Savings		
Military Construction Cost Avoidances	0	
Family Housing Cost Avoidances	0	
Military Moving	0	
Land Sales	0	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	
Total One-Time Savings		0
Total Net One-Time Costs		1,170,000

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Department : NAVY
Option Package : Indy/Louisville
Scenario File : P:\COBRA\DONE\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

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

Category	Cost	Sub-Total
Construction		
Military Construction	17,734,518	
Family Housing Construction	0	
Information Management Account	0	
Land Purchases	0	
Total - Construction		17,734,518
Personnel		
Civilian RIF	0	
Civilian Early Retirement	0	
Civilian New Hires	0	
Eliminated Military PCS	0	
Unemployment	0	
Total - Personnel		0
Overhead		
Program Planning Support	0	
Mothball / Shutdown	0	
Total - Overhead		0
Moving		
Civilian Moving	0	
Civilian PPS	0	
Military Moving	0	
Freight	0	
One-Time Moving Costs	0	
Total - Moving		0
Other		
HAP / RSE	0	
Environmental Mitigation Costs	0	
One-Time Unique Costs	38,325,000	
Total - Other		38,325,000
Total One-Time Costs		56,059,518
One-Time Savings		
Military Construction Cost Avoidances	0	
Family Housing Cost Avoidances	0	
Military Moving	0	
Land Sales	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		56,059,518

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Department : NAVY
Option Package : Indy/Louisville
Scenario File : P:\COBRA\DONE\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NTC GREAT LAKES, IL
(All values in Dollars)

Category	Cost	Sub-Total
Construction		
Military Construction	0	
Family Housing Construction	0	
Information Management Account	0	
Land Purchases	0	
Total - Construction		0
Personnel		
Civilian RIF	0	
Civilian Early Retirement	0	
Civilian New Hires	0	
Eliminated Military PCS	0	
Unemployment	0	
Total - Personnel		0
Overhead		
Program Planning Support	0	
Mothball / Shutdown	0	
Total - Overhead		0
Moving		
Civilian Moving	0	
Civilian PPS	0	
Military Moving	0	
Freight	0	
One-Time Moving Costs	0	
Total - Moving		0
Other		
HAP / RSE	0	
Environmental Mitigation Costs	0	
One-Time Unique Costs	0	
Total - Other		0
Total One-Time Costs		0
One-Time Savings		
Military Construction Cost Avoidances	0	
Family Housing Cost Avoidances	0	
Military Moving	0	
Land Sales	0	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	
Total One-Time Savings		0
Total Net One-Time Costs		0

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Department : NAVY
Option Package : Indy/Louisville
Scenario File : P:\COBRA\DONE\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: WATERVLIET ARMY ARS., NY
(All values in Dollars)

Category	Cost	Sub-Total
Construction		
Military Construction	0	
Family Housing Construction	0	
Information Management Account	0	
Land Purchases	0	
Total - Construction		0
Personnel		
Civilian RIF	0	
Civilian Early Retirement	0	
Civilian New Hires	0	
Eliminated Military PCS	0	
Unemployment	0	
Total - Personnel		0
Overhead		
Program Planning Support	0	
Mothball / Shutdown	0	
Total - Overhead		0
Moving		
Civilian Moving	0	
Civilian PPS	0	
Military Moving	0	
Freight	0	
One-Time Moving Costs	0	
Total - Moving		0
Other		
HAP / RSE	0	
Environmental Mitigation Costs	0	
One-Time Unique Costs	630,000	
Total - Other		630,000
Total One-Time Costs		630,000
One-Time Savings		
Military Construction Cost Avoidances	0	
Family Housing Cost Avoidances	0	
Military Moving	0	
Land Sales	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		630,000

Data As Of 13:02 02/21/1995, Report Created 13:14 02/21/1995

Department : NAVY
Option Package : Indy/Louisville
Scenario File : P:\COBRA\DONE\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NSWC PORT HUENEME, CA
(All values in Dollars)

Category	Cost	Sub-Total
Construction		
Military Construction	0	
Family Housing Construction	0	
Information Management Account	0	
Land Purchases	0	
Total - Construction		0
Personnel		
Civilian RIF	0	
Civilian Early Retirement	0	
Civilian New Hires	0	
Eliminated Military PCS	0	
Unemployment	0	
Total - Personnel		0
Overhead		
Program Planning Support	0	
Mothball / Shutdown	0	
Total - Overhead		0
Moving		
Civilian Moving	0	
Civilian PPS	0	
Military Moving	0	
Freight	0	
One-Time Moving Costs	0	
Total - Moving		0
Other		
HAP / RSE	0	
Environmental Mitigation Costs	0	
One-Time Unique Costs	0	
Total - Other		0
Total One-Time Costs		0
One-Time Savings		
Military Construction Cost Avoidances	0	
Family Housing Cost Avoidances	0	
Military Moving	0	
Land Sales	0	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	
Total One-Time Savings		0
Total Net One-Time Costs		0

TOTAL MILITARY CONSTRUCTION ASSETS (COBRA v5.08) - Page 1/10
Data As Of 13:02 02/21/1995, Report Created 13:14 02/21/1995

Department : NAVY
Option Package : Indy/Louisville
Scenario File : P:\COBRA\DONE\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

All Costs in $K

Base Name	Total MilCon	IMA Cost	Land Purch	Cost Avoid	Total Cost
NAWC AD INDIANAPOLIS	0	0	0	-14,700	-14,700
NSWC LOUISVILLE	0	0	0	0	0
NSWC CRANE	19,115	0	0	0	19,115
NAWC AD PAX RIVER	582	0	0	0	582
NAWC WPN CHINA LAKE	1,170	0	0	0	1,170
NSY NORFOLK	17,734	0	0	0	17,734
NTC GREAT LAKES	0	0	0	0	0
WATERVLIET ARMY ARS.	0	0	0	0	0
NSWC PORT HUENEME	0	0	0	0	0
Totals:	38,602	0	0	-14,700	23,902

Department : NAVY
Option Package : Indy/Louisville
Scenario File : P:\COBRA\DONE\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

MilCon for Base: NAWC AD INDIANAPOLIS, IN

All Costs in $K

Description:	MilCon Categ	Using Rehab	Rehab Cost*	New MilCon	New Cost*	Total Cost*
			Total Construction Cost:			0
			+ Info Management Account:			0
			+ Land Purchases:			0
			- Construction Cost Avoid:			14,700
					TOTAL:	-14,700

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

Department : NAVY
Option Package : Indy/Louisville
Scenario File : P:\COBRA\DONE\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

MilCon for Base: NSWC CRANE, IN

All Costs in $K

Description:	MilCon Categ	Using Rehab	Rehab Cost*	New MilCon	New Cost*	Total Cost*
ADMIN FM INDY	ADMIN	0	n/a	110,000	n/a	8,800
MAINTENANCE FM INDY	MAINT	54,600	6,897	0	0	6,897
SCIF FM INDY	RDT&E	0	n/a	0	n/a	768
SHIP MAINTENANCE FM LOUISVILLE	SHPYD	3,500	n/a	0	n/a	650
MAINTENANCE FM LOUISVILLE	MAINT	100,000	n/a	0	n/a	2,000

Total Construction Cost:	19,115
+ Info Management Account:	0
+ Land Purchases:	0
- Construction Cost Avoid:	0
TOTAL:	19,115

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

Department : NAVY
Option Package : Indy/Louisville
Scenario File : P:\COBRA\DONE\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

MilCon for Base: NAWC AD PAX RIVER, MD

All Costs in $K

Description:	MilCon Categ	Using Rehab	Rehab Cost*	New MilCon	New Cost*	Total Cost*
ADMIN	ADMIN	21,750	n/a	0	n/a	185
RDT&E	RDT&E	2,560	n/a	0	n/a	22
NETWORK	RDT&E	0	n/a	0	n/a	375

Total Construction Cost:	582
+ Info Management Account:	0
+ Land Purchases:	0
- Construction Cost Avoid:	0
TOTAL:	582

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

Department : NAVY
Option Package : Indy/Louisville
Scenario File : P:\COBRA\DONE\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

MilCon for Base: NAWC WPN CHINA LAKE, CA

All Costs in $K

Description:	MilCon Categ	Using Rehab	Rehab Cost*	New MilCon	New Cost*	Total Cost*
ADMIN	ADMIN	45,000	n/a	0	n/a	605
MAINTENANCE	MAINT	14,166	n/a	0	n/a	142
RDT&E	RDT&E	5,389	n/a	0	n/a	135
scif	RDT&E	0	n/a	0	n/a	288

Total Construction Cost:	1,170
+ Info Management Account:	0
+ Land Purchases:	0
- Construction Cost Avoid:	0
TOTAL:	1,170

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

Department : NAVY
Option Package : Indy/Louisville
Scenario File : P:\COBRA\DONE\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

MilCon for Base: NSY NORFOLK, VA

All Costs in $K

Description:	MilCon Categ	Using Rehab	Rehab Cost*	New MilCon	New Cost*	Total Cost*
STORAGE	STORA	30,000	3,181	0	0	3,181
SHOP SPACE	SHPYD	100,000	14,553	0	0	14,553

Total Construction Cost:	17,734
+ Info Management Account:	0
+ Land Purchases:	0
- Construction Cost Avoid:	0
TOTAL:	17,734

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

PERSONNEL SUMMARY REPORT (COBRA v5.08)
Data As Of 13:02 02/21/1995, Report Created 13:14 02/21/1995

Department : NAVY
Option Package : Indy/Louisville
Scenario File : P:\COBRA\DONE\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

PERSONNEL SUMMARY FOR: NAWC AD INDIANAPOLIS, IN

BASE POPULATION (FY 1996):

Officers	Enlisted	Students	Civilians
9	25	0	2,852

FORCE STRUCTURE CHANGES:

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	0	0	0	0	0
Enlisted	2	0	0	0	0	0	2
Students	0	0	0	0	0	0	0
Civilians	-240	0	0	0	0	0	-240
TOTAL	-238	0	0	0	0	0	-238

BASE POPULATION (Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
9	27	0	2,612

PERSONNEL REALIGNMENTS:

To Base: NSWC CRANE, IN

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	1	1	0	0	2
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	1	57	469	470	155	0	1,152
TOTAL	1	57	470	471	155	0	1,154

To Base: NAWC AD PAX RIVER, MD

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	0	0	70	75	0	0	145
TOTAL	0	0	70	75	0	0	145

To Base: NAWC WPN CHINA LAKE, CA

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	0	1	0	0	1
Enlisted	0	0	0	17	0	0	17
Students	0	0	0	0	0	0	0
Civilians	0	0	100	182	0	0	282
TOTAL	0	0	100	200	0	0	300

To Base: NTC GREAT LAKES, IL

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	10	0	10
Students	0	0	0	0	0	0	0
Civilians	0	0	0	0	5	0	5
TOTAL	0	0	0	0	15	0	15

TOTAL PERSONNEL REALIGNMENTS (Out of NAWC AD INDIANAPOLIS, IN):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	1	2	0	0	3
Enlisted	0	0	0	17	10	0	27
Students	0	0	0	0	0	0	0
Civilians	1	57	639	727	160	0	1,584
TOTAL	1	57	640	746	170	0	1,614

Data As Of 13:02 02/21/1995, Report Created 13:14 02/21/1995

Department : NAVY
Option Package : Indy/Louisville
Scenario File : P:\COBRA\DONE\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

SCENARIO POSITION CHANGES:

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	0	0	-6	0	-6
Enlisted	0	0	0	0	0	0	0
Civilians	0	0	0	-185	-242	0	-427
TOTAL	0	0	0	-185	-248	0	-433

POSITIONS ELIMINATED (No Salary Savings):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0
Civilians	0	0	0	-601	0	0	-601
TOTAL	0	0	0	-601	0	0	-601

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
0	0	0	0

PERSONNEL SUMMARY FOR: NSWC LOUISVILLE, KY

BASE POPULATION (FY 1996):

Officers	Enlisted	Students	Civilians
5	11	0	1,607

FORCE STRUCTURE CHANGES:

	1996	1997	1998	1999	2000	2001	Total
Officers	-1	0	0	0	0	0	-1
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	-300	0	0	0	0	0	-300
TOTAL	-301	0	0	0	0	0	-301

BASE POPULATION (Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
4	11	0	1,307

PERSONNEL REALIGNMENTS:

To Base: NSWC CRANE, IN

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	2	0	9	0	11
Students	0	0	0	0	0	0	0
Civilians	0	13	71	242	192	0	518
TOTAL	0	13	73	242	201	0	529

To Base: NSY NORFOLK, VA

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	0	11	34	74	111	0	230
TOTAL	0	11	34	74	111	0	230

Data As Of 13:02 02/21/1995, Report Created 13:14 02/21/1995

Department : NAVY
Option Package : Indy/Louisville
Scenario File : P:\COBRA\DONE\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

To Base: WATERVLIET ARMY ARS., NY

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	0	0	0	15	0	0	15
TOTAL	0	0	0	15	0	0	15

To Base: NSWC PORT HUENEME, CA

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	0	0	0	35	72	0	107
TOTAL	0	0	0	35	72	0	107

TOTAL PERSONNEL REALIGNMENTS (Out of NSWC LOUISVILLE, KY):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	2	0	9	0	11
Students	0	0	0	0	0	0	0
Civilians	0	24	105	366	375	0	870
TOTAL	0	24	107	366	384	0	881

SCENARIO POSITION CHANGES:

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	0	0	-4	0	-4
Enlisted	0	0	0	0	0	0	0
Civilians	0	-46	-66	-125	-200	0	-437
TOTAL	0	-46	-66	-125	-204	0	-441

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
0	0	0	0

PERSONNEL SUMMARY FOR: NSWC CRANE, IN

BASE POPULATION (FY 1996, Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
14	83	0	3,256

PERSONNEL REALIGNMENTS:
From Base: NAWC AD INDIANAPOLIS, IN

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	1	1	0	0	2
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	1	57	469	470	155	0	1,152
TOTAL	1	57	470	471	155	0	1,154

From Base: NSWC LOUISVILLE, KY

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	2	0	9	0	11
Students	0	0	0	0	0	0	0
Civilians	0	13	71	242	192	0	518
TOTAL	0	13	73	242	201	0	529

Department : NAVY
Option Package : Indy/Louisville
Scenario File : P:\COBRA\DONE\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

TOTAL PERSONNEL REALIGNMENTS (Into NSWC CRANE, IN):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	1	1	0	0	2
Enlisted	0	0	2	0	9	0	11
Students	0	0	0	0	0	0	0
Civilians	1	70	540	712	347	0	1,670
TOTAL	1	70	543	713	356	0	1,683

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
16	94	0	4,926

PERSONNEL SUMMARY FOR: NAWC AD PAX RIVER, MD

BASE POPULATION (FY 1996, Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
463	2,361	23	3,119

PERSONNEL REALIGNMENTS:
From Base: NAWC AD INDIANAPOLIS, IN

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	0	0	70	75	0	0	145
TOTAL	0	0	70	75	0	0	145

TOTAL PERSONNEL REALIGNMENTS (Into NAWC AD PAX RIVER, MD):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	0	0	70	75	0	0	145
TOTAL	0	0	70	75	0	0	145

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
463	2,361	23	3,264

PERSONNEL SUMMARY FOR: NAWC WPN CHINA LAKE, CA

BASE POPULATION (FY 1996, Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
143	868	0	4,226

PERSONNEL REALIGNMENTS:
From Base: NAWC AD INDIANAPOLIS, IN

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	0	1	0	0	1
Enlisted	0	0	0	17	0	0	17
Students	0	0	0	0	0	0	0
Civilians	0	0	100	182	0	0	282
TOTAL	0	0	100	200	0	0	300

Department : NAVY
Option Package : Indy/Louisville
Scenario File : P:\COBRA\DONE\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

TOTAL PERSONNEL REALIGNMENTS (Into NAWC WPN CHINA LAKE, CA):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	0	1	0	0	1
Enlisted	0	0	0	17	0	0	17
Students	0	0	0	0	0	0	0
Civilians	0	0	100	182	0	0	282
TOTAL	0	0	100	200	0	0	300

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
144	885	0	4,508

PERSONNEL SUMMARY FOR: NSY NORFOLK, VA

BASE POPULATION (FY 1996, Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
75	106	0	8,952

PERSONNEL REALIGNMENTS:
From Base: NSWC LOUISVILLE, KY

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	0	11	34	74	111	0	230
TOTAL	0	11	34	74	111	0	230

TOTAL PERSONNEL REALIGNMENTS (Into NSY NORFOLK, VA):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	0	11	34	74	111	0	230
TOTAL	0	11	34	74	111	0	230

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
75	106	0	9,182

PERSONNEL SUMMARY FOR: NTC GREAT LAKES, IL

BASE POPULATION (FY 1996, Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
193	2,372	4,711	893

PERSONNEL REALIGNMENTS:
From Base: NAWC AD INDIANAPOLIS, IN

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	10	0	10
Students	0	0	0	0	0	0	0
Civilians	0	0	0	0	5	0	5
TOTAL	0	0	0	0	15	0	15

Department : NAVY
Option Package : Indy/Louisville
Scenario File : P:\COBRA\DONE\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

TOTAL PERSONNEL REALIGNMENTS (Into NTC GREAT LAKES, IL):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	10	0	10
Students	0	0	0	0	0	0	0
Civilians	0	0	0	0	5	0	5
TOTAL	0	0	0	0	15	0	15

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
193	2,382	4,711	898

PERSONNEL SUMMARY FOR: WATERVLIET ARMY ARS., NY

BASE POPULATION (FY 1996, Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
4	0	0	1,553

PERSONNEL REALIGNMENTS:
From Base: NSWC LOUISVILLE, KY

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	0	0	0	15	0	0	15
TOTAL	0	0	0	15	0	0	15

TOTAL PERSONNEL REALIGNMENTS (Into WATERVLIET ARMY ARS., NY):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	0	0	0	15	0	0	15
TOTAL	0	0	0	15	0	0	15

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
4	0	0	1,568

PERSONNEL SUMMARY FOR: NSWC PORT HUENEME, CA

BASE POPULATION (FY 1996, Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
257	3,452	35	3,512

PERSONNEL REALIGNMENTS:
From Base: NSWC LOUISVILLE, KY

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	0	0	0	35	72	0	107
TOTAL	0	0	0	35	72	0	107

PERSONNEL SUMMARY REPORT (COBRA v5.08) - Page 7
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Department : NAVY
Option Package : Indy/Louisville
Scenario File : P:\COBRA\DONE\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

TOTAL PERSONNEL REALIGNMENTS (Into NSWC PORT HUENEME, CA):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	0	0	0	35	72	0	107
TOTAL	0	0	0	35	72	0	107

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
257	3,452	35	3,619

TOTAL PERSONNEL IMPACT REPORT (COBRA v5.08) - Page 1/10
Data As Of 13:02 02/21/1995, Report Created 13:14 02/21/1995

Department : NAVY
Option Package : Indy/Louisville
Scenario File : P:\COBRA\DONE\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

	Rate	1996	1997	1998	1999	2000	2001	Total
CIVILIAN POSITIONS REALIGNING OUT		1	81	744	1,093	535	0	2454
Early Retirement*	10.00%	0	8	74	110	54	0	246
Regular Retirement*	5.00%	0	5	38	56	28	0	127
Civilian Turnover*	15.00%	0	13	112	163	81	0	369
Civs Not Moving (RIFs)*+		0	5	44	66	32	0	147
Civilians Moving (the remainder)		1	50	476	698	340	0	1565
Civilian Positions Available		0	31	268	395	195	0	889
CIVILIAN POSITIONS ELIMINATED		0	46	66	911	442	0	1465
Early Retirement	10.00%	0	5	7	92	44	0	148
Regular Retirement	5.00%	0	2	3	45	22	0	72
Civilian Turnover	15.00%	0	7	10	137	66	0	220
Civs Not Moving (RIFs)*+		0	3	4	55	27	0	89
Priority Placement#	60.00%	0	28	40	547	265	0	880
Civilians Available to Move		0	1	2	35	18	0	56
Civilians Moving		0	1	2	35	18	0	56
Civilian RIFs (the remainder)		0	0	0	0	0	0	0
CIVILIAN POSITIONS REALIGNING IN		1	81	744	1,093	535	0	2454
Civilians Moving		1	51	478	733	358	0	1621
New Civilians Hired		0	30	266	360	177	0	833
Other Civilian Additions		0	0	0	0	0	0	0
TOTAL CIVILIAN EARLY RETIRMENTS		0	13	81	202	98	0	394
TOTAL CIVILIAN RIFS		0	8	48	121	59	0	236
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	28	40	547	265	0	880
TOTAL CIVILIAN NEW HIRES		0	30	266	360	177	0	833

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

+ The Percentage of Civilians Not Willing to Move (Voluntary RIFs) varies from base to base.

Not all Priority Placements involve a Permanent Change of Station. The rate of PPS placements involving a PCS is 50.00%

Data As Of 13:02 02/21/1995, Report Created 13:14 02/21/1995

Department : NAVY
Option Package : Indy/Louisville
Scenario File : P:\COBRA\DONE\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NAWC AD INDIANAPOLIS, IN	Rate	1996	1997	1998	1999	2000	2001	Total
CIVILIAN POSITIONS REALIGNING OUT		1	57	639	727	160	0	1584
Early Retirement*	10.00%	0	6	64	73	17	0	160
Regular Retirement*	5.00%	0	3	32	37	8	0	80
Civilian Turnover*	15.00%	0	9	96	109	24	0	238
Civs Not Moving (RIFs)*	6.00%	0	3	38	44	9	0	94
Civilians Moving (the remainder)		1	36	409	464	102	0	1012
Civilian Positions Available		0	21	230	263	58	0	572
CIVILIAN POSITIONS ELIMINATED		0	0	0	786	242	0	1028
Early Retirement	10.00%	0	0	0	79	24	0	103
Regular Retirement	5.00%	0	0	0	39	12	0	51
Civilian Turnover	15.00%	0	0	0	118	36	0	154
Civs Not Moving (RIFs)*	6.00%	0	0	0	47	15	0	62
Priority Placement#	60.00%	0	0	0	472	145	0	617
Civilians Available to Move		0	0	0	31	10	0	41
Civilians Moving		0	0	0	31	10	0	41
Civilian RIFs (the remainder)		0	0	0	0	0	0	0
CIVILIAN POSITIONS REALIGNING IN		0	0	0	0	0	0	0
Civilians Moving		0	0	0	0	0	0	0
New Civilians Hired		0	0	0	0	0	0	0
Other Civilian Additions		0	0	0	0	0	0	0
TOTAL CIVILIAN EARLY RETIRMENTS		0	6	64	152	41	0	263
TOTAL CIVILIAN RIFS		0	3	38	91	24	0	156
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	0	0	472	145	0	617
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 PPS placements involving a PCS is 50.00%

Data As Of 13:02 02/21/1995, Report Created 13:14 02/21/1995

Department : NAVY
Option Package : Indy/Louisville
Scenario File : P:\COBRA\DONE\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NSWC LOUISVILLE, KY	Rate	1996	1997	1998	1999	2000	2001	Total
CIVILIAN POSITIONS REALIGNING OUT		0	24	105	366	375	0	870
Early Retirement*	10.00%	0	2	10	37	37	0	86
Regular Retirement*	5.00%	0	2	6	19	20	0	47
Civilian Turnover*	15.00%	0	4	16	54	57	0	131
Civs Not Moving (RIFs)*	6.00%	0	2	6	22	23	0	53
Civilians Moving (the remainder)		0	14	67	234	238	0	553
Civilian Positions Available		0	10	38	132	137	0	317
CIVILIAN POSITIONS ELIMINATED		0	46	66	125	200	0	437
Early Retirement	10.00%	0	5	7	13	20	0	45
Regular Retirement	5.00%	0	2	3	6	10	0	21
Civilian Turnover	15.00%	0	7	10	19	30	0	66
Civs Not Moving (RIFs)*	6.00%	0	3	4	8	12	0	27
Priority Placement#	60.00%	0	28	40	75	120	0	263
Civilians Available to Move		0	1	2	4	8	0	15
Civilians Moving		0	1	2	4	8	0	15
Civilian RIFs (the remainder)		0	0	0	0	0	0	0
CIVILIAN POSITIONS REALIGNING IN		0	0	0	0	0	0	0
Civilians Moving		0	0	0	0	0	0	0
New Civilians Hired		0	0	0	0	0	0	0
Other Civilian Additions		0	0	0	0	0	0	0
TOTAL CIVILIAN EARLY RETIRMENTS		0	7	17	50	57	0	131
TOTAL CIVILIAN RIFS		0	5	10	30	35	0	80
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	28	40	75	120	0	263
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 PPS placements involving a PCS is 50.00%

Data As Of 13:02 02/21/1995, Report Created 13:14 02/21/1995

Department : NAVY
Option Package : Indy/Louisville
Scenario File : P:\COBRA\DONE\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NSWC CRANE, IN	Rate	1996	1997	1998	1999	2000	2001	Total
CIVILIAN POSITIONS REALIGNING OUT		0	0	0	0	0	0	0
Early Retirement*	10.00%	0	0	0	0	0	0	0
Regular Retirement*	5.00%	0	0	0	0	0	0	0
Civilian Turnover*	15.00%	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	10.00%	0	0	0	0	0	0	0
Regular Retirement	5.00%	0	0	0	0	0	0	0
Civilian Turnover	15.00%	0	0	0	0	0	0	0
Civs Not Moving (RIFs)*	6.00%	0	0	0	0	0	0	0
Priority Placement#	60.00%	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		1	70	540	712	347	0	1670
Civilians Moving		1	45	348	490	239	0	1123
New Civilians Hired		0	25	192	222	108	0	547
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	25	192	222	108	0	547

* 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 PPS placements involving a PCS is 50.00%

Data As Of 13:02 02/21/1995, Report Created 13:14 02/21/1995

Department : NAVY
Option Package : Indy/Louisville
Scenario File : P:\COBRA\DONE\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NAWC AD PAX RIVER, MD	Rate	1996	1997	1998	1999	2000	2001	Total
CIVILIAN POSITIONS REALIGNING OUT		0	0	0	0	0	0	0
Early Retirement*	10.00%	0	0	0	0	0	0	0
Regular Retirement*	5.00%	0	0	0	0	0	0	0
Civilian Turnover*	15.00%	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	10.00%	0	0	0	0	0	0	0
Regular Retirement	5.00%	0	0	0	0	0	0	0
Civilian Turnover	15.00%	0	0	0	0	0	0	0
Civs Not Moving (RIFs)*	6.00%	0	0	0	0	0	0	0
Priority Placement#	60.00%	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	70	75	0	0	145
Civilians Moving		0	0	44	47	0	0	91
New Civilians Hired		0	0	26	28	0	0	54
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	26	28	0	0	54

* 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 PPS placements involving a PCS is 50.00%

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Department : NAVY
Option Package : Indy/Louisville
Scenario File : P:\COBRA\DONE\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NAWC WPN CHINA LAKE, CA	Rate	1996	1997	1998	1999	2000	2001	Total
CIVILIAN POSITIONS REALIGNING OUT		0	0	0	0	0	0	0
Early Retirement*	10.00%	0	0	0	0	0	0	0
Regular Retirement*	5.00%	0	0	0	0	0	0	0
Civilian Turnover*	15.00%	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	10.00%	0	0	0	0	0	0	0
Regular Retirement	5.00%	0	0	0	0	0	0	0
Civilian Turnover	15.00%	0	0	0	0	0	0	0
Civs Not Moving (RIFs)*	6.00%	0	0	0	0	0	0	0
Priority Placement#	60.00%	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	100	182	0	0	282
Civilians Moving		0	0	64	117	0	0	181
New Civilians Hired		0	0	36	65	0	0	101
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	36	65	0	0	101

* 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 PPS placements involving a PCS is 50.00%

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Department : NAVY
Option Package : Indy/Louisville
Scenario File : P:\COBRA\DONE\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NSY NORFOLK, VA	Rate	1996	1997	1998	1999	2000	2001	Total
CIVILIAN POSITIONS REALIGNING OUT		0	0	0	0	0	0	0
Early Retirement*	10.00%	0	0	0	0	0	0	0
Regular Retirement*	5.00%	0	0	0	0	0	0	0
Civilian Turnover*	15.00%	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	10.00%	0	0	0	0	0	0	0
Regular Retirement	5.00%	0	0	0	0	0	0	0
Civilian Turnover	15.00%	0	0	0	0	0	0	0
Civs Not Moving (RIFs)*	6.00%	0	0	0	0	0	0	0
Priority Placement#	60.00%	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	11	34	74	111	0	230
Civilians Moving		0	6	22	48	70	0	146
New Civilians Hired		0	5	12	26	41	0	84
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	5	12	26	41	0	84

* 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 PPS placements involving a PCS is 50.00%

Data As Of 13:02 02/21/1995, Report Created 13:14 02/21/1995

Department : NAVY
Option Package : Indy/Louisville
Scenario File : P:\COBRA\DONE\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NTC GREAT LAKES, IL	Rate	1996	1997	1998	1999	2000	2001	Total
CIVILIAN POSITIONS REALIGNING OUT		0	0	0	0	0	0	0
Early Retirement*	10.00%	0	0	0	0	0	0	0
Regular Retirement*	5.00%	0	0	0	0	0	0	0
Civilian Turnover*	15.00%	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	10.00%	0	0	0	0	0	0	0
Regular Retirement	5.00%	0	0	0	0	0	0	0
Civilian Turnover	15.00%	0	0	0	0	0	0	0
Civs Not Moving (RIFs)*	6.00%	0	0	0	0	0	0	0
Priority Placement#	60.00%	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	5	0	5
Civilians Moving		0	0	0	0	3	0	3
New Civilians Hired		0	0	0	0	2	0	2
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	2	0	2

* 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 PPS placements involving a PCS is 50.00%

Data As Of 13:02 02/21/1995, Report Created 13:14 02/21/1995

Department : NAVY
Option Package : Indy/Louisville
Scenario File : P:\COBRA\DONE\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: WATERVLIET ARMY ARS., NY	Rate	1996	1997	1998	1999	2000	2001	Total
CIVILIAN POSITIONS REALIGNING OUT		0	0	0	0	0	0	0
Early Retirement*	10.00%	0	0	0	0	0	0	0
Regular Retirement*	5.00%	0	0	0	0	0	0	0
Civilian Turnover*	15.00%	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	10.00%	0	0	0	0	0	0	0
Regular Retirement	5.00%	0	0	0	0	0	0	0
Civilian Turnover	15.00%	0	0	0	0	0	0	0
Civs Not Moving (RIFs)*	6.00%	0	0	0	0	0	0	0
Priority Placement#	60.00%	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	15	0	0	15
Civilians Moving		0	0	0	9	0	0	9
New Civilians Hired		0	0	0	6	0	0	6
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	6	0	0	6

* 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 PPS placements involving a PCS is 50.00%

Data As Of 13:02 02/21/1995, Report Created 13:14 02/21/1995

Department : NAVY
Option Package : Indy/Louisville
Scenario File : P:\COBRA\DONE\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NSWC PORT HUENEME, CA	Rate	1996	1997	1998	1999	2000	2001	Total
CIVILIAN POSITIONS REALIGNING OUT		0	0	0	0	0	0	0
Early Retirement*	10.00%	0	0	0	0	0	0	0
Regular Retirement*	5.00%	0	0	0	0	0	0	0
Civilian Turnover*	15.00%	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	10.00%	0	0	0	0	0	0	0
Regular Retirement	5.00%	0	0	0	0	0	0	0
Civilian Turnover	15.00%	0	0	0	0	0	0	0
Civs Not Moving (RIFs)*	6.00%	0	0	0	0	0	0	0
Priority Placement#	60.00%	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	35	72	0	107
Civilians Moving		0	0	0	22	46	0	68
New Civilians Hired		0	0	0	13	26	0	39
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	13	26	0	39

* 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 PPS placements involving a PCS is 50.00%

TOTAL APPROPRIATIONS DETAIL REPORT (COBRA v5.08) - Page 1/30
Data As Of 13:02 02/21/1995, Report Created 13:14 02/21/1995

Department : NAVY
Option Package : Indy/Louisville
Scenario File : P:\COBRA\DONE\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

ONE-TIME COSTS -----($K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	4,705	8,679	13,656	11,562	0	0	38,602
Fam Housing	0	0	0	0	0	0	0
Land Purch	0	0	0	0	0	0	0
O&M							
CIV SALARY							
Civ RIF	0	171	1,024	2,581	1,258	0	5,034
Civ Retire	0	64	399	994	482	0	1,939
CIV MOVING							
Per Diem	2	131	1,370	2,223	1,071	0	4,798
POV Miles	0	1	37	73	30	0	142
Home Purch	11	544	5,233	8,014	3,790	0	17,593
HHG	6	326	3,142	4,873	2,361	0	10,709
Misc	1	36	334	513	250	0	1,135
House Hunt	1	82	923	1,536	725	0	3,268
PPS	0	403	576	7,891	3,830	0	12,701
RITA	4	222	2,212	3,460	1,643	0	7,542
FREIGHT							
Packing	0	13	119	187	94	0	413
Freight	0	1,506	1,952	2,820	1,114	0	7,393
Vehicles	0	0	0	12	4	0	16
Driving	0	0	0	1	0	0	1
Unemployment	0	25	150	379	185	0	739
OTHER							
Program Plan	5,762	4,321	3,241	2,431	1,823	0	17,578
Shutdown	0	138	584	1,518	1,130	0	3,371
New Hire	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	15	1	0	16
POV Miles	0	0	0	7	0	0	7
HHG	0	0	10	67	54	0	130
Misc	0	0	2	13	13	0	29
OTHER							
Elim PCS	0	0	0	0	45	0	45
OTHER							
HAP / RSE	0	0	0	0	0	0	0
Environmental	100	0	0	0	0	0	100
Info Manage	0	0	0	0	0	0	0
1-Time Other	1,451	4,924	26,800	13,484	4	0	46,663
TOTAL ONE-TIME	12,045	21,588	61,766	64,655	19,911	0	179,966

Department : NAVY
Option Package : Indy/Louisville
Scenario File : P:\COBRA\DONE\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

RECURRINGCOSTS -----($K)-----	1996	1997	1998	1999	2000	2001	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	-0	-0	92	117	117	117	443	117
BOS	2	187	2,263	5,364	6,670	6,670	21,157	6,670
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
CHAMPUS	0	0	0	0	0	0	0	0
Caretaker	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	14	89	160	160	424	160
OTHER								
Mission	0	0	44	125	144	144	457	144
Misc Recur	0	0	0	98	98	98	294	98
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	2	187	2,413	5,794	7,189	7,189	22,774	7,189
TOTAL COST	12,047	21,775	64,180	70,449	27,101	7,189	202,741	7,189

ONE-TIME SAVES -----($K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	0	11,180	0	0	3,520	0	14,700
Fam Housing	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	3	17	17	0	37
OTHER							
Land Sales	0	0	0	0	0	0	0
Environmental	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0
TOTAL ONE-TIME	0	11,180	3	17	3,537	0	14,737

RECURRINGSAVES -----($K)-----	1996	1997	1998	1999	2000	2001	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	75	403	1,353	2,743	3,487	8,061	3,487
BOS	0	80	458	7,565	16,872	23,316	48,292	23,316
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	1,258	4,321	14,603	35,168	47,256	102,606	47,256
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Off Salary	0	0	0	0	384	768	1,152	768
Enl Salary	0	0	0	0	0	0	0	0
House Allow	0	0	20	122	154	154	449	154
OTHER								
Procurement	205	400	0	0	0	0	605	0
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	13	13	13
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	205	1,813	5,202	23,643	55,321	74,994	161,178	74,994
TOTAL SAVINGS	205	12,993	5,205	23,660	58,858	74,994	175,915	74,994

Department : NAVY
Option Package : Indy/Louisville
Scenario File : P:\COBRA\DONE\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

ONE-TIME NET -----($K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	4,705	-2,501	13,656	11,562	-3,520	0	23,902
Fam Housing	0	0	0	0	0	0	0
O&M							
Civ Retir/RIF	0	235	1,422	3,575	1,741	0	6,973
Civ Moving	26	3,266	15,900	31,604	14,914	0	65,711
Other	5,762	4,485	3,975	4,328	3,138	0	21,689
MIL PERSONNEL							
Mil Moving	0	0	9	84	97	0	191
OTHER							
HAP / RSE	0	0	0	0	0	0	0
Environmental	100	0	0	0	0	0	100
Info Manage	0	0	0	0	0	0	0
1-Time Other	1,451	4,924	26,800	13,484	4	0	46,663
Land	0	0	0	0	0	0	0
TOTAL ONE-TIME	12,045	10,408	61,764	64,638	16,374	0	165,229

RECURRING NET -----($K)-----	1996	1997	1998	1999	2000	2001	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	-0	-75	-311	-1,236	-2,626	-3,370	-7,619	-3,370
BOS	2	106	1,805	-2,200	-10,202	-16,646	-27,136	-16,646
Unique Operat	0	0	0	0	0	0	0	0
Caretaker	0	0	0	0	0	0	0	0
Civ Salary	0	-1,258	-4,321	-14,603	-35,168	-47,256	-102,606	-47,256
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Salary	0	0	0	0	-384	-768	-1,152	-768
House Allow	0	0	-6	-32	7	7	-25	7
OTHER								
Procurement	-205	-400	0	0	0	0	-605	0
Mission	0	0	44	125	144	144	457	144
Misc Recur	0	0	0	98	98	85	281	85
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	-203	-1,626	-2,789	-17,849	-48,131	-67,804	-138,404	-67,804
TOTAL NET COST	11,842	8,782	58,974	46,788	-31,757	-67,804	26,825	-67,804

Department : NAVY
Option Package : Indy/Louisville
Scenario File : P:\COBRA\DONE\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NAWC AD INDIANAPOLIS, IN

ONE-TIME COSTS -----($K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	0	0	0	0	0	0	0
Fam Housing	0	0	0	0	0	0	0
Land Purch	0	0	0	0	0	0	0
O&M							
CIV SALARY							
Civ RIFs	0	64	810	1,941	512	0	3,327
Civ Retire	0	29	315	748	202	0	1,295
CIV MOVING							
Per Diem	2	89	1,181	1,529	283	0	3,085
POV Miles	0	0	34	54	2	0	91
Home Purch	11	389	4,519	5,526	1,214	0	11,659
HHG	6	229	2,695	3,309	712	0	6,951
Misc	1	25	286	346	78	0	737
House Hunt	1	54	801	1,069	172	0	2,098
PPS	0	0	0	6,797	2,102	0	8,899
RITA	4	156	1,910	2,387	490	0	4,947
FREIGHT							
Packing	0	9	102	128	30	0	269
Freight	0	0	364	510	0	0	875
Vehicles	0	0	0	12	0	0	12
Driving	0	0	0	1	0	0	1
Unemployment	0	9	119	285	75	0	488
OTHER							
Program Plan	3,755	2,816	2,112	1,584	1,188	0	11,456
Shutdown	0	28	311	744	203	0	1,286
New Hires	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	15	1	0	16
POV Miles	0	0	0	7	0	0	7
HHG	0	0	4	67	28	0	99
Misc	0	0	1	13	7	0	21
OTHER							
Elim PCS	0	0	0	0	27	0	27
OTHER							
HAP / RSE	0	0	0	0	0	0	0
Environmental	0	0	0	0	0	0	0
Info Manage	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	4	0	4
TOTAL ONE-TIME	3,782	3,900	15,564	27,073	7,333	0	57,652

Department : NAVY
Option Package : Indy/Louisville
Scenario File : P:\COBRA\DONE\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NAWC AD INDIANAPOLIS, IN

RECURRINGCOSTS -----($K)-----	1996	1997	1998	1999	2000	2001	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	0	0	0	0	0	0	0
BOS	0	0	0	0	0	0	0	0
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
CHAMPUS	0	0	0	0	0	0	0	0
Caretaker	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	0	0	44	125	144	144	457	144
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	44	125	144	144	457	144
TOTAL COSTS	3,782	3,900	15,608	27,198	7,477	144	58,109	144

ONE-TIME SAVES -----($K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	0	11,180	0	0	3,520	0	14,700
Fam Housing	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	1	17	9	0	27
OTHER							
Land Sales	0	0	0	0	0	0	0
Environmental	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0
TOTAL ONE-TIME	0	11,180	1	17	3,529	0	14,727

RECURRINGSAVES -----($K)-----	1996	1997	1998	1999	2000	2001	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	8	103	405	696	769	1,981	769
BOS	0	4	229	6,915	14,912	19,291	41,351	19,291
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	5,059	16,736	23,354	45,150	23,354
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Off Salary	0	0	0	0	230	461	691	461
Enl Salary	0	0	0	0	0	0	0	0
House Allow	0	0	9	111	115	115	350	115
OTHER								
Procurement	205	400	0	0	0	0	605	0
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	13	13	13
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	205	412	341	12,490	32,690	44,003	90,141	44,003
TOTAL SAVINGS	205	11,592	342	12,507	36,219	44,003	104,868	44,003

Department : NAVY
Option Package : Indy/Louisville
Scenario File : P:\COBRA\DONE\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NAWC AD INDIANAPOLIS, IN

ONE-TIME NET -----($K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	0	-11,180	0	0	-3,520	0	-14,700
Fam Housing	0	0	0	0	0	0	0
O&M							
Civ Retir/RIF	0	93	1,126	2,689	714	0	4,622
Civ Moving	26	953	11,892	21,669	5,085	0	39,625
Other	3,755	2,853	2,542	2,613	1,466	0	13,230
MIL PERSONNEL							
Mil Moving	0	0	4	84	55	0	143
OTHER							
HAP / RSE	0	0	0	0	0	0	0
Environmental	0	0	0	0	0	0	0
Info Manage	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	4	0	4
Land	0	0	0	0	0	0	0
TOTAL ONE-TIME	3,782	-7,280	15,564	27,056	3,804	0	42,925

RECURRING NET -----($K)-----	1996	1997	1998	1999	2000	2001	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	-0	-8	-103	-405	-696	-769	-1,981	-769
BOS	0	-4	-229	-6,915	-14,912	-19,291	-41,351	-19,291
Unique Operat	0	0	0	0	0	0	0	0
Caretaker	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	-5,059	-16,736	-23,354	-45,150	-23,354
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Salary	0	0	0	0	-230	-461	-691	-461
House Allow	0	0	-9	-111	-115	-115	-350	-115
OTHER								
Procurement	-205	-400	0	0	0	0	-605	0
Mission	0	0	44	125	144	144	457	144
Misc Recur	0	0	0	0	0	-13	-13	-13
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	205	388	-297	-12,365	-32,546	-43,859	-88,474	-43,859
TOTAL NET COST	3,577	-7,692	15,266	14,691	-28,742	-43,859	-46,759	-43,859

Department : NAVY
Option Package : Indy/Louisville
Scenario File : P:\COBRA\DONE\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NSWC LOUISVILLE, KY

ONE-TIME COSTS -----($K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	0	0	0	0	0	0	0
Fam Housing	0	0	0	0	0	0	0
Land Purch	0	0	0	0	0	0	0
O&M							
CIV SALARY							
Civ RIFs	0	107	213	640	746	0	1,706
Civ Retire	0	34	84	246	280	0	645
CIV MOVING							
Per Diem	0	42	190	694	788	0	1,713
POV Miles	0	1	3	18	28	0	51
Home Purch	0	155	714	2,488	2,577	0	5,934
HHG	0	97	447	1,564	1,649	0	3,757
Misc	0	10	48	166	172	0	397
House Hunt	0	28	123	467	553	0	1,170
PPS	0	403	576	1,094	1,728	0	3,801
RITA	0	66	302	1,073	1,153	0	2,594
FREIGHT							
Packing	0	4	18	59	63	0	144
Freight	0	1,506	1,588	2,310	1,114	0	6,518
Vehicles	0	0	0	0	4	0	4
Driving	0	0	0	0	0	0	0
Unemployment	0	16	31	94	110	0	250
OTHER							
Program Plan	2,007	1,505	1,129	847	635	0	6,123
Shutdown	0	110	273	774	927	0	2,085
New Hires	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	6	0	25	0	31
Misc	0	0	1	0	6	0	8
OTHER							
Elim PCS	0	0	0	0	18	0	18
OTHER							
HAP / RSE	0	0	0	0	0	0	0
Environmental	0	0	0	0	0	0	0
Info Manage	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0
TOTAL ONE-TIME	2,007	4,085	5,746	12,536	12,579	0	36,953

Department : NAVY
Option Package : Indy/Louisville
Scenario File : P:\COBRA\DONE\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NSWC LOUISVILLE, KY

RECURRINGCOSTS -----($K)-----	1996	1997	1998	1999	2000	2001	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	0	0	0	0	0	0	0
BOS	0	0	0	0	0	0	0	0
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
CHAMPUS	0	0	0	0	0	0	0	0
Caretaker	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	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	0	0	0	0	0	0
TOTAL COSTS	2,007	4,085	5,746	12,536	12,579	0	36,953	0

ONE-TIME SAVES -----($K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	0	0	0	0	0	0	0
Fam Housing	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	2	0	8	0	10
OTHER							
Land Sales	0	0	0	0	0	0	0
Environmental	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0
TOTAL ONE-TIME	0	0	2	0	8	0	10

RECURRINGSAVES -----($K)-----	1996	1997	1998	1999	2000	2001	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	67	300	948	2,046	2,718	6,080	2,718
BOS	0	76	229	650	1,961	4,025	6,942	4,025
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	1,258	4,321	9,544	18,432	23,901	57,456	23,901
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Off Salary	0	0	0	0	153	307	461	307
Enl Salary	0	0	0	0	0	0	0	0
House Allow	0	0	11	11	39	39	99	39
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	1,401	4,861	11,153	22,631	30,990	71,037	30,990
TOTAL SAVINGS	0	1,401	4,863	11,153	22,639	30,990	71,047	30,990

Department : NAVY
Option Package : Indy/Louisville
Scenario File : P:\COBRA\DONE\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NSWC LOUISVILLE, KY

ONE-TIME NET -----($K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	0	0	0	0	0	0	0
Fam Housing	0	0	0	0	0	0	0
O&M							
Civ Retir/RIF	0	141	297	886	1,027	0	2,351
Civ Moving	0	2,313	4,009	9,935	9,829	0	26,086
Other	2,007	1,631	1,433	1,715	1,672	0	8,458
MIL PERSONNEL							
Mil Moving	0	0	5	0	42	0	47
OTHER							
HAP / RSE	0	0	0	0	0	0	0
Environmental	0	0	0	0	0	0	0
Info Manage	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0
Land	0	0	0	0	0	0	0
TOTAL ONE-TIME	2,007	4,085	5,744	12,536	12,571	0	36,943

RECURRING NET -----($K)-----	1996	1997	1998	1999	2000	2001	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	-67	-300	-948	-2,046	-2,718	-6,080	-2,718
BOS	0	-76	-229	-650	-1,961	-4,025	-6,942	-4,025
Unique Operat	0	0	0	0	0	0	0	0
Caretaker	0	0	0	0	0	0	0	0
Civ Salary	0	-1,258	-4,321	-9,544	-18,432	-23,901	-57,456	-23,901
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Salary	0	0	0	0	-153	-307	-461	-307
House Allow	0	0	-11	-11	-39	-39	-99	-39
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	-1,401	-4,861	-11,153	-22,631	-30,990	-71,037	-30,990
TOTAL NET COST	2,007	2,684	883	1,383	-10,060	-30,990	-34,094	-30,990

Department : NAVY
Option Package : Indy/Louisville
Scenario File : P:\COBRA\DONE\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NSWC CRANE, IN

ONE-TIME COSTS -----($K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	2,318	5,658	7,429	3,709	0	0	19,115
Fam Housing	0	0	0	0	0	0	0
Land Purch	0	0	0	0	0	0	0
O&M							
CIV SALARY							
Civ RIFs	0	0	0	0	0	0	0
Civ Retire	0	0	0	0	0	0	0
CIV MOVING							
Per Diem	0	0	0	0	0	0	0
POV Miles	0	0	0	0	0	0	0
Home Purch	0	0	0	0	0	0	0
HHG	0	0	0	0	0	0	0
Misc	0	0	0	0	0	0	0
House Hunt	0	0	0	0	0	0	0
PPS	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
Driving	0	0	0	0	0	0	0
Unemployment	0	0	0	0	0	0	0
OTHER							
Program Plan	0	0	0	0	0	0	0
Shutdown	0	0	0	0	0	0	0
New Hires	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	100	0	0	0	0	0	100
Info Manage	0	0	0	0	0	0	0
1-Time Other	1,451	4,424	1,800	29	0	0	7,704
TOTAL ONE-TIME	3,869	10,082	9,229	3,738	0	0	26,919

Department : NAVY
Option Package : Indy/Louisville
Scenario File : P:\COBRA\DONE\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NSWC CRANE, IN

RECURRINGCOSTS -----($K)-----	1996	1997	1998	1999	2000	2001	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	0	92	117	117	117	443	117
BOS	2	142	1,186	2,461	3,065	3,065	9,921	3,065
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
CHAMPUS	0	0	0	0	0	0	0	0
Caretaker	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	14	22	49	49	133	49
OTHER								
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	2	142	1,278	2,578	3,182	3,182	10,497	3,230
TOTAL COSTS	3,871	10,224	10,521	6,339	3,230	3,230	37,417	3,230

ONE-TIME SAVES -----($K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	0	0	0	0	0	0	0
Fam Housing	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							
Land Sales	0	0	0	0	0	0	0
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)-----	1996	1997	1998	1999	2000	2001	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	0	0	0	0	0	0	0
BOS	0	0	0	0	0	0	0	0
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
CHAMPUS	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	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	0	0	0	0	0	0
TOTAL SAVINGS	0	0	0	0	0	0	0	0

Department : NAVY
Option Package : Indy/Louisville
Scenario File : P:\COBRA\DONE\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NSWC CRANE, IN

ONE-TIME NET -----($K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	2,318	5,658	7,429	3,709	0	0	19,115
Fam Housing	0	0	0	0	0	0	0
O&M							
Civ Retir/RIF	0	0	0	0	0	0	0
Civ Moving	0	0	0	0	0	0	0
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	100	0	0	0	0	0	100
Info Manage	0	0	0	0	0	0	0
1-Time Other	1,451	4,424	1,800	29	0	0	7,704
Land	0	0	0	0	0	0	0
TOTAL ONE-TIME	3,869	10,082	9,229	3,738	0	0	26,919

RECURRING NET -----($K)-----	1996	1997	1998	1999	2000	2001	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	0	92	117	117	117	443	117
BOS	2	142	1,186	2,461	3,065	3,065	9,921	3,065
Unique Operat	0	0	0	0	0	0	0	0
Caretaker	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Salary	0	0	0	0	0	0	0	0
House Allow	0	0	14	22	49	49	133	49
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	2	142	1,292	2,600	3,230	3,230	10,497	3,230
TOTAL NET COST	3,871	10,224	10,521	6,339	3,230	3,230	37,417	3,230

Department : NAVY
Option Package : Indy/Louisville
Scenario File : P:\COBRA\DONE\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NAWC AD PAX RIVER, MD

ONE-TIME COSTS -----($K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	48	258	276	0	0	0	582
Fam Housing	0	0	0	0	0	0	0
Land Purch	0	0	0	0	0	0	0
O&M							
CIV SALARY							
Civ RIFs	0	0	0	0	0	0	0
Civ Retire	0	0	0	0	0	0	0
CIV MOVING							
Per Diem	0	0	0	0	0	0	0
POV Miles	0	0	0	0	0	0	0
Home Purch	0	0	0	0	0	0	0
HHG	0	0	0	0	0	0	0
Misc	0	0	0	0	0	0	0
House Hunt	0	0	0	0	0	0	0
PPS	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
Driving	0	0	0	0	0	0	0
Unemployment	0	0	0	0	0	0	0
OTHER							
Program Plan	0	0	0	0	0	0	0
Shutdown	0	0	0	0	0	0	0
New Hires	0	0	0	0	0	0	0
1-Time Move	0	0	0	0	0	0	0
MIL PERSONNEL							
MIL MOVING							
Per Diem	0	0	0	0	0	0	0
POV Miles	0	0	0	0	0	0	0
HHG	0	0	0	0	0	0	0
Misc	0	0	0	0	0	0	0
OTHER							
Elim PCS	0	0	0	0	0	0	0
OTHER							
HAP / RSE	0	0	0	0	0	0	0
Environmental	0	0	0	0	0	0	0
Info Manage	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0
TOTAL ONE-TIME	48	258	276	0	0	0	582

Department : NAVY
Option Package : Indy/Louisville
Scenario File : P:\COBRA\DONE\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NAWC AD PAX RIVER, MD

RECURRINGCOSTS -----($K)-----	1996	1997	1998	1999	2000	2001	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	0	0	0	0	0	0	0
BOS	0	0	406	838	838	838	2,920	838
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
CHAMPUS	0	0	0	0	0	0	0	0
Caretaker	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	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	406	838	838	838	2,920	838
TOTAL COSTS	48	258	682	838	838	838	3,502	838

ONE-TIME SAVES -----($K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	0	0	0	0	0	0	0
Fam Housing	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							
Land Sales	0	0	0	0	0	0	0
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)-----	1996	1997	1998	1999	2000	2001	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	0	0	0	0	0	0	0
BOS	0	0	0	0	0	0	0	0
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
CHAMPUS	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	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	0	0	0	0	0	0
TOTAL SAVINGS	0	0	0	0	0	0	0	0

Department : NAVY
Option Package : Indy/Louisville
Scenario File : P:\COBRA\DONE\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NAWC AD PAX RIVER, MD

ONE-TIME NET -----($K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	48	258	276	0	0	0	582
Fam Housing	0	0	0	0	0	0	0
O&M							
Civ Retir/RIF	0	0	0	0	0	0	0
Civ Moving	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
MIL PERSONNEL							
Mil Moving	0	0	0	0	0	0	0
OTHER							
HAP / RSE	0	0	0	0	0	0	0
Environmental	0	0	0	0	0	0	0
Info Manage	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0
Land	0	0	0	0	0	0	0
TOTAL ONE-TIME	48	258	276	0	0	0	582

RECURRING NET -----($K)-----	1996	1997	1998	1999	2000	2001	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	0	0	0	0	0	0	0
BOS	0	0	406	838	838	838	2,920	838
Unique Operat	0	0	0	0	0	0	0	0
Caretaker	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Salary	0	0	0	0	0	0	0	0
House Allow	0	0	0	0	0	0	0	0
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	406	838	838	838	2,920	838
TOTAL NET COST	48	258	682	838	838	838	3,502	838

Department : NAVY
Option Package : Indy/Louisville
Scenario File : P:\COBRA\DONE\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NAWC WPN CHINA LAKE, CA

ONE-TIME COSTS -----($K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	97	358	715	0	0	0	1,170
Fam Housing	0	0	0	0	0	0	0
Land Purch	0	0	0	0	0	0	0
O&M							
CIV SALARY							
Civ RIFs	0	0	0	0	0	0	0
Civ Retire	0	0	0	0	0	0	0
CIV MOVING							
Per Diem	0	0	0	0	0	0	0
POV Miles	0	0	0	0	0	0	0
Home Purch	0	0	0	0	0	0	0
HHG	0	0	0	0	0	0	0
Misc	0	0	0	0	0	0	0
House Hunt	0	0	0	0	0	0	0
PPS	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
Driving	0	0	0	0	0	0	0
Unemployment	0	0	0	0	0	0	0
OTHER							
Program Plan	0	0	0	0	0	0	0
Shutdown	0	0	0	0	0	0	0
New Hires	0	0	0	0	0	0	0
1-Time Move	0	0	0	0	0	0	0
MIL PERSONNEL							
MIL MOVING							
Per Diem	0	0	0	0	0	0	0
POV Miles	0	0	0	0	0	0	0
HHG	0	0	0	0	0	0	0
Misc	0	0	0	0	0	0	0
OTHER							
Elim PCS	0	0	0	0	0	0	0
OTHER							
HAP / RSE	0	0	0	0	0	0	0
Environmental	0	0	0	0	0	0	0
Info Manage	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0
TOTAL ONE-TIME	97	358	715	0	0	0	1,170

Department : NAVY
Option Package : Indy/Louisville
Scenario File : P:\COBRA\DONE\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NAWC WPN CHINA LAKE, CA

RECURRINGCOSTS -----($K)-----	1996	1997	1998	1999	2000	2001	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	0	0	0	0	0	0	0
BOS	0	0	489	1,454	1,454	1,454	4,850	1,454
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
CHAMPUS	0	0	0	0	0	0	0	0
Caretaker	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	67	67	67	202	67
OTHER								
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	489	1,454	1,454	1,454	5,052	1,521
TOTAL COSTS	97	358	1,204	1,521	1,521	1,521	6,222	1,521

ONE-TIME SAVES -----($K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	0	0	0	0	0	0	0
Fam Housing	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							
Land Sales	0	0	0	0	0	0	0
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)-----	1996	1997	1998	1999	2000	2001	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	0	0	0	0	0	0	0
BOS	0	0	0	0	0	0	0	0
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
CHAMPUS	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	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	0	0	0	0	0	0
TOTAL SAVINGS	0	0	0	0	0	0	0	0

Department : NAVY
Option Package : Indy/Louisville
Scenario File : P:\COBRA\DONE\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NAWC WPN CHINA LAKE, CA

ONE-TIME NET -----($K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	97	358	715	0	0	0	1,170
Fam Housing	0	0	0	0	0	0	0
O&M							
Civ Retir/RIF	0	0	0	0	0	0	0
Civ Moving	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
MIL PERSONNEL							
Mil Moving	0	0	0	0	0	0	0
OTHER							
HAP / RSE	0	0	0	0	0	0	0
Environmental	0	0	0	0	0	0	0
Info Manage	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0
Land	0	0	0	0	0	0	0
TOTAL ONE-TIME	97	358	715	0	0	0	1,170

RECURRING NET -----($K)-----	1996	1997	1998	1999	2000	2001	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	0	0	0	0	0	0	0
BOS	0	0	489	1,454	1,454	1,454	4,850	1,454
Unique Operat	0	0	0	0	0	0	0	0
Caretaker	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Salary	0	0	0	0	0	0	0	0
House Allow	0	0	0	67	67	67	202	67
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	489	1,521	1,521	1,521	5,052	1,521
TOTAL NET COST	97	358	1,204	1,521	1,521	1,521	6,222	1,521

Department : NAVY
Option Package : Indy/Louisville
Scenario File : P:\COBRA\DONE\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NSY NORFOLK, VA

ONE-TIME COSTS -----($K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	2,242	2,405	5,235	7,852	0	0	17,734
Fam Housing	0	0	0	0	0	0	0
Land Purch	0	0	0	0	0	0	0
O&M							
CIV SALARY							
Civ RIFs	0	0	0	0	0	0	0
Civ Retire	0	0	0	0	0	0	0
CIV MOVING							
Per Diem	0	0	0	0	0	0	0
POV Miles	0	0	0	0	0	0	0
Home Purch	0	0	0	0	0	0	0
HHG	0	0	0	0	0	0	0
Misc	0	0	0	0	0	0	0
House Hunt	0	0	0	0	0	0	0
PPS	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
Driving	0	0	0	0	0	0	0
Unemployment	0	0	0	0	0	0	0
OTHER							
Program Plan	0	0	0	0	0	0	0
Shutdown	0	0	0	0	0	0	0
New Hires	0	0	0	0	0	0	0
1-Time Move	0	0	0	0	0	0	0
MIL PERSONNEL							
MIL MOVING							
Per Diem	0	0	0	0	0	0	0
POV Miles	0	0	0	0	0	0	0
HHG	0	0	0	0	0	0	0
Misc	0	0	0	0	0	0	0
OTHER							
Elim PCS	0	0	0	0	0	0	0
OTHER							
HAP / RSE	0	0	0	0	0	0	0
Environmental	0	0	0	0	0	0	0
Info Manage	0	0	0	0	0	0	0
1-Time Other	0	500	25,000	12,825	0	0	38,325
TOTAL ONE-TIME	2,242	2,905	30,235	20,677	0	0	56,059

Department : NAVY
Option Package : Indy/Louisville
Scenario File : P:\COBRA\DONE\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NSY NORFOLK, VA

RECURRINGCOSTS -----($K)-----	1996	1997	1998	1999	2000	2001	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	-0	-0	-0	-0	-0	-0	-0	-0
BOS	0	45	183	482	930	930	2,569	930
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
CHAMPUS	0	0	0	0	0	0	0	0
Caretaker	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	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	98	98	98	294	98
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	-0	45	183	580	1,028	1,028	2,863	1,028
TOTAL COSTS	2,242	2,950	30,417	21,257	1,028	1,028	58,922	1,028

ONE-TIME SAVES -----($K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	0	0	0	0	0	0	0
Fam Housing	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							
Land Sales	0	0	0	0	0	0	0
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)-----	1996	1997	1998	1999	2000	2001	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	0	0	0	0	0	0	0
BOS	0	0	0	0	0	0	0	0
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
CHAMPUS	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	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	0	0	0	0	0	0
TOTAL SAVINGS	0	0	0	0	0	0	0	0

Department : NAVY
Option Package : Indy/Louisville
Scenario File : P:\COBRA\DONE\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NSY NORFOLK, VA

ONE-TIME NET -----($K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	2,242	2,405	5,235	7,852	0	0	17,734
Fam Housing	0	0	0	0	0	0	0
O&M							
Civ Retir/RIF	0	0	0	0	0	0	0
Civ Moving	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
MIL PERSONNEL							
Mil Moving	0	0	0	0	0	0	0
OTHER							
HAP / RSE	0	0	0	0	0	0	0
Environmental	0	0	0	0	0	0	0
Info Manage	0	0	0	0	0	0	0
1-Time Other	0	500	25,000	12,825	0	0	38,325
Land	0	0	0	0	0	0	0
TOTAL ONE-TIME	2,242	2,905	30,235	20,677	0	0	56,059

RECURRING NET -----($K)-----	1996	1997	1998	1999	2000	2001	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	-0	-0	-0	-0	-0	-0	-0	-0
BOS	0	45	183	482	930	930	2,569	930
Unique Operat	0	0	0	0	0	0	0	0
Caretaker	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Salary	0	0	0	0	0	0	0	0
House Allow	0	0	0	0	0	0	0	0
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	98	98	98	294	98
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	-0	45	183	580	1,028	1,028	2,863	1,028
TOTAL NET COST	2,242	2,950	30,417	21,257	1,028	1,028	58,922	1,028

Department : NAVY
Option Package : Indy/Louisville
Scenario File : P:\COBRA\DONE\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NTC GREAT LAKES, IL

ONE-TIME COSTS -----($K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	0	0	0	0	0	0	0
Fam Housing	0	0	0	0	0	0	0
Land Purch	0	0	0	0	0	0	0
O&M							
CIV SALARY							
Civ RIFs	0	0	0	0	0	0	0
Civ Retire	0	0	0	0	0	0	0
CIV MOVING							
Per Diem	0	0	0	0	0	0	0
POV Miles	0	0	0	0	0	0	0
Home Purch	0	0	0	0	0	0	0
HHG	0	0	0	0	0	0	0
Misc	0	0	0	0	0	0	0
House Hunt	0	0	0	0	0	0	0
PPS	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
Driving	0	0	0	0	0	0	0
Unemployment	0	0	0	0	0	0	0
OTHER							
Program Plan	0	0	0	0	0	0	0
Shutdown	0	0	0	0	0	0	0
New Hires	0	0	0	0	0	0	0
1-Time Move	0	0	0	0	0	0	0
MIL PERSONNEL							
MIL MOVING							
Per Diem	0	0	0	0	0	0	0
POV Miles	0	0	0	0	0	0	0
HHG	0	0	0	0	0	0	0
Misc	0	0	0	0	0	0	0
OTHER							
Elim PCS	0	0	0	0	0	0	0
OTHER							
HAP / RSE	0	0	0	0	0	0	0
Environmental	0	0	0	0	0	0	0
Info Manage	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0
TOTAL ONE-TIME	0	0	0	0	0	0	0

Department : NAVY
Option Package : Indy/Louisville
Scenario File : P:\COBRA\DONE\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NTC GREAT LAKES, IL

RECURRINGCOSTS -----($K)-----	1996	1997	1998	1999	2000	2001	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	0	0	0	0	0	0	0
BOS	0	0	0	0	38	38	76	38
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
CHAMPUS	0	0	0	0	0	0	0	0
Caretaker	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	44	44	88	44
OTHER								
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	0	0	38	38	164	82
TOTAL COSTS	0	0	0	0	82	82	164	82

ONE-TIME SAVES -----($K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	0	0	0	0	0	0	0
Fam Housing	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							
Land Sales	0	0	0	0	0	0	0
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)-----	1996	1997	1998	1999	2000	2001	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	0	0	0	0	0	0	0
BOS	0	0	0	0	0	0	0	0
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
CHAMPUS	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	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	0	0	0	0	0	0
TOTAL SAVINGS	0	0	0	0	0	0	0	0

Department : NAVY
Option Package : Indy/Louisville
Scenario File : P:\COBRA\DONE\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NTC GREAT LAKES, IL

ONE-TIME NET -----($K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	0	0	0	0	0	0	0
Fam Housing	0	0	0	0	0	0	0
O&M							
Civ Retir/RIF	0	0	0	0	0	0	0
Civ Moving	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
MIL PERSONNEL							
Mil Moving	0	0	0	0	0	0	0
OTHER							
HAP / RSE	0	0	0	0	0	0	0
Environmental	0	0	0	0	0	0	0
Info Manage	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0
Land	0	0	0	0	0	0	0
TOTAL ONE-TIME	0	0	0	0	0	0	0

RECURRING NET -----($K)-----	1996	1997	1998	1999	2000	2001	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	0	0	0	0	0	0	0
BOS	0	0	0	0	38	38	76	38
Unique Operat	0	0	0	0	0	0	0	0
Caretaker	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Salary	0	0	0	0	0	0	0	0
House Allow	0	0	0	0	44	44	88	44
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	0	0	82	82	164	82
TOTAL NET COST	0	0	0	0	82	82	164	82

Department : NAVY
Option Package : Indy/Louisville
Scenario File : P:\COBRA\DONE\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: WATERVLIET ARMY ARS., NY

ONE-TIME COSTS -----($K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	0	0	0	0	0	0	0
Fam Housing	0	0	0	0	0	0	0
Land Purch	0	0	0	0	0	0	0
O&M							
CIV SALARY							
Civ RIFs	0	0	0	0	0	0	0
Civ Retire	0	0	0	0	0	0	0
CIV MOVING							
Per Diem	0	0	0	0	0	0	0
POV Miles	0	0	0	0	0	0	0
Home Purch	0	0	0	0	0	0	0
HHG	0	0	0	0	0	0	0
Misc	0	0	0	0	0	0	0
House Hunt	0	0	0	0	0	0	0
PPS	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
Driving	0	0	0	0	0	0	0
Unemployment	0	0	0	0	0	0	0
OTHER							
Program Plan	0	0	0	0	0	0	0
Shutdown	0	0	0	0	0	0	0
New Hires	0	0	0	0	0	0	0
1-Time Move	0	0	0	0	0	0	0
MIL PERSONNEL							
MIL MOVING							
Per Diem	0	0	0	0	0	0	0
POV Miles	0	0	0	0	0	0	0
HHG	0	0	0	0	0	0	0
Misc	0	0	0	0	0	0	0
OTHER							
Elim PCS	0	0	0	0	0	0	0
OTHER							
HAP / RSE	0	0	0	0	0	0	0
Environmental	0	0	0	0	0	0	0
Info Manage	0	0	0	0	0	0	0
1-Time Other	0	0	0	630	0	0	630
TOTAL ONE-TIME	0	0	0	630	0	0	630

Department : NAVY
Option Package : Indy/Louisville
Scenario File : P:\COBRA\DONE\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: WATERVLIET ARMY ARS., NY

RECURRINGCOSTS -----($K)-----	1996	1997	1998	1999	2000	2001	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	0	0	0	0	0	0	0
BOS	0	0	0	23	23	23	68	23
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
CHAMPUS	0	0	0	0	0	0	0	0
Caretaker	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	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	0	23	23	23	68	23
TOTAL COSTS	0	0	0	653	23	23	698	23

ONE-TIME SAVES -----($K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	0	0	0	0	0	0	0
Fam Housing	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							
Land Sales	0	0	0	0	0	0	0
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)-----	1996	1997	1998	1999	2000	2001	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	0	0	0	0	0	0	0
BOS	0	0	0	0	0	0	0	0
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
CHAMPUS	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	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	0	0	0	0	0	0
TOTAL SAVINGS	0	0	0	0	0	0	0	0

Department : NAVY
Option Package : Indy/Louisville
Scenario File : P:\COBRA\DONE\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: WATERVLIET ARMY ARS., NY

ONE-TIME NET -----($K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	0	0	0	0	0	0	0
Fam Housing	0	0	0	0	0	0	0
O&M							
Civ Retir/RIF	0	0	0	0	0	0	0
Civ Moving	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
MIL PERSONNEL							
Mil Moving	0	0	0	0	0	0	0
OTHER							
HAP / RSE	0	0	0	0	0	0	0
Environmental	0	0	0	0	0	0	0
Info Manage	0	0	0	0	0	0	0
1-Time Other	0	0	0	630	0	0	630
Land	0	0	0	0	0	0	0
TOTAL ONE-TIME	0	0	0	630	0	0	630

RECURRING NET -----($K)-----	1996	1997	1998	1999	2000	2001	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	0	0	0	0	0	0	0
BOS	0	0	0	23	23	23	68	23
Unique Operat	0	0	0	0	0	0	0	0
Caretaker	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Salary	0	0	0	0	0	0	0	0
House Allow	0	0	0	0	0	0	0	0
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	0	23	23	23	68	23
TOTAL NET COST	0	0	0	653	23	23	698	23

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Department : NAVY
Option Package : Indy/Louisville
Scenario File : P:\COBRA\DONE\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NSWC PORT HUENEME, CA

ONE-TIME COSTS -----($K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	0	0	0	0	0	0	0
Fam Housing	0	0	0	0	0	0	0
Land Purch	0	0	0	0	0	0	0
O&M							
CIV SALARY							
Civ RIFs	0	0	0	0	0	0	0
Civ Retire	0	0	0	0	0	0	0
CIV MOVING							
Per Diem	0	0	0	0	0	0	0
POV Miles	0	0	0	0	0	0	0
Home Purch	0	0	0	0	0	0	0
HHG	0	0	0	0	0	0	0
Misc	0	0	0	0	0	0	0
House Hunt	0	0	0	0	0	0	0
PPS	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
Driving	0	0	0	0	0	0	0
Unemployment	0	0	0	0	0	0	0
OTHER							
Program Plan	0	0	0	0	0	0	0
Shutdown	0	0	0	0	0	0	0
New Hires	0	0	0	0	0	0	0
1-Time Move	0	0	0	0	0	0	0
MIL PERSONNEL							
MIL MOVING							
Per Diem	0	0	0	0	0	0	0
POV Miles	0	0	0	0	0	0	0
HHG	0	0	0	0	0	0	0
Misc	0	0	0	0	0	0	0
OTHER							
Elim PCS	0	0	0	0	0	0	0
OTHER							
HAP / RSE	0	0	0	0	0	0	0
Environmental	0	0	0	0	0	0	0
Info Manage	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0
TOTAL ONE-TIME	0	0	0	0	0	0	0

Department : NAVY
Option Package : Indy/Louisville
Scenario File : P:\COBRA\DONE\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NSWC PORT HUENEME, CA

RECURRINGCOSTS -----($K)-----	1996	1997	1998	1999	2000	2001	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	0	0	0	0	0	0	0
BOS	0	0	0	106	323	323	753	323
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
CHAMPUS	0	0	0	0	0	0	0	0
Caretaker	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	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	0	106	323	323	753	323
TOTAL COSTS	0	0	0	106	323	323	753	323

ONE-TIME SAVES -----($K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	0	0	0	0	0	0	0
Fam Housing	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							
Land Sales	0	0	0	0	0	0	0
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)-----	1996	1997	1998	1999	2000	2001	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	0	0	0	0	0	0	0
BOS	0	0	0	0	0	0	0	0
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
CHAMPUS	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	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	0	0	0	0	0	0
TOTAL SAVINGS	0	0	0	0	0	0	0	0

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Department : NAVY
Option Package : Indy/Louisville
Scenario File : P:\COBRA\DONE\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NSWC PORT HUENEME, CA

ONE-TIME NET -----($K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	0	0	0	0	0	0	0
Fam Housing	0	0	0	0	0	0	0
O&M							
Civ Retir/RIF	0	0	0	0	0	0	0
Civ Moving	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
MIL PERSONNEL							
Mil Moving	0	0	0	0	0	0	0
OTHER							
HAP / RSE	0	0	0	0	0	0	0
Environmental	0	0	0	0	0	0	0
Info Manage	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0
Land	0	0	0	0	0	0	0
TOTAL ONE-TIME	0	0	0	0	0	0	0

RECURRING NET -----($K)-----	1996	1997	1998	1999	2000	2001	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	0	0	0	0	0	0	0
BOS	0	0	0	106	323	323	753	323
Unique Operat	0	0	0	0	0	0	0	0
Caretaker	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Salary	0	0	0	0	0	0	0	0
House Allow	0	0	0	0	0	0	0	0
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	0	106	323	323	753	323
TOTAL NET COST	0	0	0	106	323	323	753	323

INPUT DATA REPORT (COBRA v5.08)
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Department : NAVY
Option Package : Indy/Louisville
Scenario File : P:\COBRA\DONE\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

INPUT SCREEN ONE - GENERAL SCENARIO INFORMATION

Model Year One : FY 1996

Model does Time-Phasing of Construction/Shutdown: Yes

Base Name	Strategy:
NAWC AD INDIANAPOLIS, IN	Closes in FY 2000
NSWC LOUISVILLE, KY	Closes in FY 2000
NSWC CRANE, IN	Realignment
NAWC AD PAX RIVER, MD	Realignment
NAWC WPN CHINA LAKE, CA	Realignment
NSY NORFOLK, VA	Realignment
NTC GREAT LAKES, IL	Realignment
WATERVLIET ARMY ARS., NY	Realignment
NSWC PORT HUENEME, CA	Realignment

Summary:

SCENARIO 028Z

INPUT SCREEN TWO - DISTANCE TABLE

From Base:	To Base:	Distance:
NAWC AD INDIANAPOLIS, IN	NSWC CRANE, IN	90 mi
NAWC AD INDIANAPOLIS, IN	NAWC AD PAX RIVER, MD	657 mi
NAWC AD INDIANAPOLIS, IN	NAWC WPN CHINA LAKE, CA	2,064 mi
NAWC AD INDIANAPOLIS, IN	NTC GREAT LAKES, IL	214 mi
NSWC LOUISVILLE, KY	NSWC CRANE, IN	106 mi
NSWC LOUISVILLE, KY	NSY NORFOLK, VA	642 mi
NSWC LOUISVILLE, KY	WATERVLIET ARMY ARS., NY	813 mi
NSWC LOUISVILLE, KY	NSWC PORT HUENEME, CA	2,158 mi

INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from NAWC AD INDIANAPOLIS, IN to NSWC CRANE, IN

	1996	1997	1998	1999	2000	2001
Officer Positions:	0	0	1	1	0	0
Enlisted Positions:	0	0	0	0	0	0
Civilian Positions:	1	57	469	470	155	0
Student Positions:	0	0	0	0	0	0
Missn Eqpt (tons):	0	0	1,237	1,434	0	0
Suppt Eqpt (tons):	0	0	0	0	0	0
Military Light Vehicles:	1	0	0	26	0	0
Heavy/Special Vehicles:	0	0	0	41	0	0

Data As Of 13:02 02/21/1995, Report Created 13:14 02/21/1995

Department : NAVY
Option Package : Indy/Louisville
Scenario File : P:\COBRA\DONE\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from NAWC AD INDIANAPOLIS, IN to NAWC AD PAX RIVER, MD

	1996	1997	1998	1999	2000	2001
Officer Positions:	0	0	0	0	0	0
Enlisted Positions:	0	0	0	0	0	0
Civilian Positions:	0	0	70	75	0	0
Student Positions:	0	0	0	0	0	0
Missn Eqpt (tons):	0	0	0	20	0	0
Suppt Eqpt (tons):	0	0	0	0	0	0
Military Light Vehicles:	0	0	0	0	0	0
Heavy/Special Vehicles:	0	0	0	0	0	0

Transfers from NAWC AD INDIANAPOLIS, IN to NAWC WPN CHINA LAKE, CA

	1996	1997	1998	1999	2000	2001
Officer Positions:	0	0	0	1	0	0
Enlisted Positions:	0	0	0	17	0	0
Civilian Positions:	0	0	100	182	0	0
Student Positions:	0	0	0	0	0	0
Missn Eqpt (tons):	0	0	0	185	0	0
Suppt Eqpt (tons):	0	0	0	0	0	0
Military Light Vehicles:	0	0	0	0	0	0
Heavy/Special Vehicles:	0	0	0	0	0	0

Transfers from NAWC AD INDIANAPOLIS, IN to NTC GREAT LAKES, IL

	1996	1997	1998	1999	2000	2001
Officer Positions:	0	0	0	0	0	0
Enlisted Positions:	0	0	0	0	10	0
Civilian Positions:	0	0	0	0	5	0
Student Positions:	0	0	0	0	0	0
Missn Eqpt (tons):	0	0	0	0	0	0
Suppt Eqpt (tons):	0	0	0	0	0	0
Military Light Vehicles:	0	0	0	0	0	0
Heavy/Special Vehicles:	0	0	0	0	0	0

Transfers from NSWC LOUISVILLE, KY to NSWC CRANE, IN

	1996	1997	1998	1999	2000	2001
Officer Positions:	0	0	0	0	0	0
Enlisted Positions:	0	0	2	0	9	0
Civilian Positions:	0	13	71	242	192	0
Student Positions:	0	0	0	0	0	0
Missn Eqpt (tons):	0	0	163	949	1,622	0
Suppt Eqpt (tons):	0	1,702	1,702	1,703	0	0
Military Light Vehicles:	0	0	0	0	0	0
Heavy/Special Vehicles:	0	0	0	0	11	0

Data As Of 13:02 02/21/1995, Report Created 13:14 02/21/1995

Department : NAVY
Option Package : Indy/Louisville
Scenario File : P:\COBRA\DONE\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from NSWC LOUISVILLE, KY to NSY NORFOLK, VA

	1996	1997	1998	1999	2000	2001
Officer Positions:	0	0	0	0	0	0
Enlisted Positions:	0	0	0	0	0	0
Civilian Positions:	0	11	34	74	111	0
Student Positions:	0	0	0	0	0	0
Missn Eqpt (tons):	0	59	80	1,486	1,679	0
Suppt Eqpt (tons):	0	3,012	3,012	3,011	0	0
Military Light Vehicles:	0	0	0	0	0	0
Heavy/Special Vehicles:	0	0	0	0	0	0

Transfers from NSWC LOUISVILLE, KY to WATERVLIET ARMY ARS., NY

	1996	1997	1998	1999	2000	2001
Officer Positions:	0	0	0	0	0	0
Enlisted Positions:	0	0	0	0	0	0
Civilian Positions:	0	0	0	15	0	0
Student Positions:	0	0	0	0	0	0
Missn Eqpt (tons):	0	0	0	0	0	0
Suppt Eqpt (tons):	0	0	0	0	0	0
Military Light Vehicles:	0	0	0	0	0	0
Heavy/Special Vehicles:	0	0	0	0	0	0

Transfers from NSWC LOUISVILLE, KY to NSWC PORT HUENEME, CA

	1996	1997	1998	1999	2000	2001
Officer Positions:	0	0	0	0	0	0
Enlisted Positions:	0	0	0	0	0	0
Civilian Positions:	0	0	0	35	72	0
Student Positions:	0	0	0	0	0	0
Missn Eqpt (tons):	0	0	63	127	195	0
Suppt Eqpt (tons):	0	0	0	0	0	0
Military Light Vehicles:	0	0	0	0	0	0
Heavy/Special Vehicles:	0	0	0	0	0	0

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: NAWC AD INDIANAPOLIS, IN

Total Officer Employees:	9	RPMA Non-Payroll ($K/Year):	769
Total Enlisted Employees:	25	Communications ($K/Year):	0
Total Student Employees:	0	BOS Non-Payroll ($K/Year):	21,025
Total Civilian Employees:	2,852	BOS Payroll ($K/Year):	19,900
Mil Families Living On Base:	0.0%	Family Housing ($K/Year):	0
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	0.97
Officer Housing Units Avail:	0	CHAMPUS In-Pat ($/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat ($/Visit):	0
Total Base Facilities(KSF):	1,029	CHAMPUS Shift to Medicare:	0.0%
Officer VHA ($/Month):	113	Activity Code:	00163
Enlisted VHA ($/Month):	24		
Per Diem Rate ($/Day):	105	Homeowner Assistance Program:	No
Freight Cost ($/Ton/Mile):	0.07	Unique Activity Information:	No

Department : NAVY
Option Package : Indy/Louisville
Scenario File : P:\COBRA\DONE\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95OBOF.SFF

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: NSWC LOUISVILLE, KY

Total Officer Employees:	5	RPMA Non-Payroll ($K/Year):	2,718
Total Enlisted Employees:	11	Communications ($K/Year):	0
Total Student Employees:	0	BOS Non-Payroll ($K/Year):	4,942
Total Civilian Employees:	1,607	BOS Payroll ($K/Year):	19,697
Mil Families Living On Base:	0.0%	Family Housing ($K/Year):	0
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	0.92
Officer Housing Units Avail:	0	CHAMPUS In-Pat ($/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat ($/Visit):	0
Total Base Facilities(KSF):	1,668	CHAMPUS Shift to Medicare:	0.0%
Officer VHA ($/Month):	29	Activity Code:	00197
Enlisted VHA ($/Month):	10		
Per Diem Rate ($/Day):	94	Homeowner Assistance Program:	No
Freight Cost ($/Ton/Mile):	0.07	Unique Activity Information:	No

Name: NSWC CRANE, IN

Total Officer Employees:	14	RPMA Non-Payroll ($K/Year):	6,162
Total Enlisted Employees:	83	Communications ($K/Year):	0
Total Student Employees:	0	BOS Non-Payroll ($K/Year):	12,477
Total Civilian Employees:	3,256	BOS Payroll ($K/Year):	38,752
Mil Families Living On Base:	34.0%	Family Housing ($K/Year):	83
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	1.01
Officer Housing Units Avail:	0	CHAMPUS In-Pat ($/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat ($/Visit):	0
Total Base Facilities(KSF):	5,390	CHAMPUS Shift to Medicare:	0.0%
Officer VHA ($/Month):	28	Activity Code:	00164
Enlisted VHA ($/Month):	12		
Per Diem Rate ($/Day):	82	Homeowner Assistance Program:	No
Freight Cost ($/Ton/Mile):	0.07	Unique Activity Information:	No

Name: NAWC AD PAX RIVER, MD

Total Officer Employees:	463	RPMA Non-Payroll ($K/Year):	22,778
Total Enlisted Employees:	2,361	Communications ($K/Year):	0
Total Student Employees:	23	BOS Non-Payroll ($K/Year):	64,222
Total Civilian Employees:	3,119	BOS Payroll ($K/Year):	46,573
Mil Families Living On Base:	44.0%	Family Housing ($K/Year):	2,111
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	1.03
Officer Housing Units Avail:	0	CHAMPUS In-Pat ($/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat ($/Visit):	0
Total Base Facilities(KSF):	3,985	CHAMPUS Shift to Medicare:	0.0%
Officer VHA ($/Month):	281	Activity Code:	00421
Enlisted VHA ($/Month):	217		
Per Diem Rate ($/Day):	80	Homeowner Assistance Program:	No
Freight Cost ($/Ton/Mile):	0.07	Unique Activity Information:	No

Name: NAWC WPN CHINA LAKE, CA

Total Officer Employees:	143	RPMA Non-Payroll ($K/Year):	9,448
Total Enlisted Employees:	868	Communications ($K/Year):	0
Total Student Employees:	0	BOS Non-Payroll ($K/Year):	47,603
Total Civilian Employees:	4,226	BOS Payroll ($K/Year):	39,527
Mil Families Living On Base:	95.0%	Family Housing ($K/Year):	2,251
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	1.40
Officer Housing Units Avail:	0	CHAMPUS In-Pat ($/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat ($/Visit):	0
Total Base Facilities(KSF):	4,002	CHAMPUS Shift to Medicare:	0.0%
Officer VHA ($/Month):	91	Activity Code:	60530
Enlisted VHA ($/Month):	49		
Per Diem Rate ($/Day):	140	Homeowner Assistance Program:	No
Freight Cost ($/Ton/Mile):	0.07	Unique Activity Information:	No

Department : NAVY
Option Package : Indy/Louisville
Scenario File : P:\COBRA\DONE\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: NSY NORFOLK, VA

Total Officer Employees:	75	RPMA Non-Payroll ($K/Year):	24,057
Total Enlisted Employees:	106	Communications ($K/Year):	0
Total Student Employees:	0	BOS Non-Payroll ($K/Year):	68,753
Total Civilian Employees:	8,952	BOS Payroll ($K/Year):	62,001
Mil Families Living On Base:	10.0%	Family Housing ($K/Year):	71
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	0.92
Officer Housing Units Avail:	0	CHAMPUS In-Pat ($/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat ($/Visit):	0
Total Base Facilities(KSF):	7,761	CHAMPUS Shift to Medicare:	0.0%
Officer VHA ($/Month):	222	Activity Code:	00181
Enlisted VHA ($/Month):	138		
Per Diem Rate ($/Day):	104	Homeowner Assistance Program:	No
Freight Cost ($/Ton/Mile):	0.07	Unique Activity Information:	No

Name: NTC GREAT LAKES, IL

Total Officer Employees:	193	RPMA Non-Payroll ($K/Year):	12,590
Total Enlisted Employees:	2,372	Communications ($K/Year):	0
Total Student Employees:	4,711	BOS Non-Payroll ($K/Year):	38,153
Total Civilian Employees:	893	BOS Payroll ($K/Year):	34,092
Mil Families Living On Base:	69.0%	Family Housing ($K/Year):	1,401
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	1.19
Officer Housing Units Avail:	0	CHAMPUS In-Pat ($/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat ($/Visit):	0
Total Base Facilities(KSF):	7,435	CHAMPUS Shift to Medicare:	0.0%
Officer VHA ($/Month):	360	Activity Code:	00210
Enlisted VHA ($/Month):	176		
Per Diem Rate ($/Day):	142	Homeowner Assistance Program:	No
Freight Cost ($/Ton/Mile):	0.07	Unique Activity Information:	No

Name: WATERVLIET ARMY ARS., NY

Total Officer Employees:	4	RPMA Non-Payroll ($K/Year):	2,305
Total Enlisted Employees:	0	Communications ($K/Year):	1,306
Total Student Employees:	0	BOS Non-Payroll ($K/Year):	3,054
Total Civilian Employees:	1,553	BOS Payroll ($K/Year):	8,164
Mil Families Living On Base:	100.0%	Family Housing ($K/Year):	472
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	1.10
Officer Housing Units Avail:	0	CHAMPUS In-Pat ($/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat ($/Visit):	0
Total Base Facilities(KSF):	2,038	CHAMPUS Shift to Medicare:	0.0%
Officer VHA ($/Month):	214	Activity Code:	36990
Enlisted VHA ($/Month):	171		
Per Diem Rate ($/Day):	98	Homeowner Assistance Program:	No
Freight Cost ($/Ton/Mile):	0.07	Unique Activity Information:	No

Name: NSWC PORT HUENEME, CA

Total Officer Employees:	257	RPMA Non-Payroll ($K/Year):	8,357
Total Enlisted Employees:	3,452	Communications ($K/Year):	0
Total Student Employees:	35	BOS Non-Payroll ($K/Year):	40,754
Total Civilian Employees:	3,512	BOS Payroll ($K/Year):	44,854
Mil Families Living On Base:	38.0%	Family Housing ($K/Year):	440
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	1.18
Officer Housing Units Avail:	0	CHAMPUS In-Pat ($/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat ($/Visit):	0
Total Base Facilities(KSF):	4,160	CHAMPUS Shift to Medicare:	0.0%
Officer VHA ($/Month):	404	Activity Code:	62583
Enlisted VHA ($/Month):	317		
Per Diem Rate ($/Day):	140	Homeowner Assistance Program:	No
Freight Cost ($/Ton/Mile):	0.07	Unique Activity Information:	No

Data As Of 13:02 02/21/1995, Report Created 13:14 02/21/1995

Department : NAVY
Option Package : Indy/Louisville
Scenario File : P:\COBRA\DONE\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: NAWC AD INDIANAPOLIS, IN

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost ($K):	0	0	0	0	4	0
1-Time Unique Save ($K):	0	0	0	0	0	0
1-Time Moving Cost ($K):	0	0	0	0	0	0
1-Time Moving Save ($K):	0	0	0	0	0	0
Env Non-MilCon Reqd($K):	0	0	0	0	0	0
Activ Mission Cost ($K):	0	0	44	125	144	144
Activ Mission Save ($K):	0	0	0	0	0	0
Misc Recurring Cost($K):	0	0	0	0	0	0
Misc Recurring Save($K):	0	0	0	0	0	13
Land (+Buy/-Sales) ($K):	0	0	0	0	0	0
Construction Schedule(%):	0%	0%	0%	0%	0%	0%
Shutdown Schedule (%):	0%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc($K):	0	11,180	0	0	3,520	0
Fam Housing Avoidnc($K):	0	0	0	0	0	0
Procurement Avoidnc($K):	205	400	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0

Facil ShutDown(KSF): 1,029 Perc Family Housing ShutDown: 100.0%

Name: NSWC LOUISVILLE, KY

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost ($K):	0	0	0	0	0	0
1-Time Unique Save ($K):	0	0	0	0	0	0
1-Time Moving Cost ($K):	0	0	0	0	0	0
1-Time Moving Save ($K):	0	0	0	0	0	0
Env Non-MilCon Reqd($K):	0	0	0	0	0	0
Activ Mission Cost ($K):	0	0	0	0	0	0
Activ Mission Save ($K):	0	0	0	0	0	0
Misc Recurring Cost($K):	0	0	0	0	0	0
Misc Recurring Save($K):	0	0	0	0	0	0
Land (+Buy/-Sales) ($K):	0	0	0	0	0	0
Construction Schedule(%):	0%	0%	0%	0%	0%	0%
Shutdown Schedule (%):	0%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc($K):	0	0	0	0	0	0
Fam Housing Avoidnc($K):	0	0	0	0	0	0
Procurement Avoidnc($K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0

Facil ShutDown(KSF): 1,668 Perc Family Housing ShutDown: 100.0%

Name: NSWC CRANE, IN

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost ($K):	1,451	4,424	1,800	29	0	0
1-Time Unique Save ($K):	0	0	0	0	0	0
1-Time Moving Cost ($K):	0	0	0	0	0	0
1-Time Moving Save ($K):	0	0	0	0	0	0
Env Non-MilCon Reqd($K):	100	0	0	0	0	0
Activ Mission Cost ($K):	0	0	0	0	0	0
Activ Mission Save ($K):	0	0	0	0	0	0
Misc Recurring Cost($K):	0	0	0	0	0	0
Misc Recurring Save($K):	0	0	0	0	0	0
Land (+Buy/-Sales) ($K):	0	0	0	0	0	0
Construction Schedule(%):	0%	0%	0%	0%	0%	0%
Shutdown Schedule (%):	0%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc($K):	0	0	0	0	0	0
Fam Housing Avoidnc($K):	0	0	0	0	0	0
Procurement Avoidnc($K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0

Facil ShutDown(KSF): 0 Perc Family Housing ShutDown: 0.0%

(See final page for Explanatory Notes)

Data As Of 13:02 02/21/1995, Report Created 13:14 02/21/1995

Department : NAVY
Option Package : Indy/Louisville
Scenario File : P:\COBRA\DONE\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: NAWC AD PAX RIVER, MD

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost ($K):	0	0	0	0	0	0
1-Time Unique Save ($K):	0	0	0	0	0	0
1-Time Moving Cost ($K):	0	0	0	0	0	0
1-Time Moving Save ($K):	0	0	0	0	0	0
Env Non-MilCon Reqd($K):	0	0	0	0	0	0
Activ Mission Cost ($K):	0	0	0	0	0	0
Activ Mission Save ($K):	0	0	0	0	0	0
Misc Recurring Cost($K):	0	0	0	0	0	0
Misc Recurring Save($K):	0	0	0	0	0	0
Land (+Buy/-Sales) ($K):	0	0	0	0	0	0
Construction Schedule(%):	0%	0%	0%	0%	0%	0%
Shutdown Schedule (%):	0%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc($K):	0	0	0	0	0	0
Fam Housing Avoidnc($K):	0	0	0	0	0	0
Procurement Avoidnc($K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	0	Perc Family Housing ShutDown:				0.0%

Name: NAWC WPN CHINA LAKE, CA

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost ($K):	0	0	0	0	0	0
1-Time Unique Save ($K):	0	0	0	0	0	0
1-Time Moving Cost ($K):	0	0	0	0	0	0
1-Time Moving Save ($K):	0	0	0	0	0	0
Env Non-MilCon Reqd($K):	0	0	0	0	0	0
Activ Mission Cost ($K):	0	0	0	0	0	0
Activ Mission Save ($K):	0	0	0	0	0	0
Misc Recurring Cost($K):	0	0	0	0	0	0
Misc Recurring Save($K):	0	0	0	0	0	0
Land (+Buy/-Sales) ($K):	0	0	0	0	0	0
Construction Schedule(%):	0%	0%	0%	0%	0%	0%
Shutdown Schedule (%):	0%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc($K):	0	0	0	0	0	0
Fam Housing Avoidnc($K):	0	0	0	0	0	0
Procurement Avoidnc($K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	0	Perc Family Housing ShutDown:				0.0%

Name: NSY NORFOLK, VA

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost ($K):	0	500	25,000	12,825	0	0
1-Time Unique Save ($K):	0	0	0	0	0	0
1-Time Moving Cost ($K):	0	0	0	0	0	0
1-Time Moving Save ($K):	0	0	0	0	0	0
Env Non-MilCon Reqd($K):	0	0	0	0	0	0
Activ Mission Cost ($K):	0	0	0	0	0	0
Activ Mission Save ($K):	0	0	0	0	0	0
Misc Recurring Cost($K):	0	0	0	98	98	98
Misc Recurring Save($K):	0	0	0	0	0	0
Land (+Buy/-Sales) ($K):	0	0	0	0	0	0
Construction Schedule(%):	0%	0%	0%	0%	0%	0%
Shutdown Schedule (%):	0%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc($K):	0	0	0	0	0	0
Fam Housing Avoidnc($K):	0	0	0	0	0	0
Procurement Avoidnc($K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	0	Perc Family Housing ShutDown:				0.0%

(See final page for Explanatory Notes)

Data As Of 13:02 02/21/1995, Report Created 13:14 02/21/1995

Department : NAVY
Option Package : Indy/Louisville
Scenario File : P:\COBRA\DONE\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: NTC GREAT LAKES, IL

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost ($K):	0	0	0	0	0	0
1-Time Unique Save ($K):	0	0	0	0	0	0
1-Time Moving Cost ($K):	0	0	0	0	0	0
1-Time Moving Save ($K):	0	0	0	0	0	0
Env Non-MilCon Reqd($K):	0	0	0	0	0	0
Activ Mission Cost ($K):	0	0	0	0	0	0
Activ Mission Save ($K):	0	0	0	0	0	0
Misc Recurring Cost($K):	0	0	0	0	0	0
Misc Recurring Save($K):	0	0	0	0	0	0
Land (+Buy/-Sales) ($K):	0	0	0	0	0	0
Construction Schedule(%):	0%	0%	0%	0%	0%	0%
Shutdown Schedule (%):	0%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc($K):	0	0	0	0	0	0
Fam Housing Avoidnc($K):	0	0	0	0	0	0
Procurement Avoidnc($K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	0	Perc Family Housing ShutDown:				0.0%

Name: WATERVLIET ARMY ARS., NY

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost ($K):	0	0	0	630	0	0
1-Time Unique Save ($K):	0	0	0	0	0	0
1-Time Moving Cost ($K):	0	0	0	0	0	0
1-Time Moving Save ($K):	0	0	0	0	0	0
Env Non-MilCon Reqd($K):	0	0	0	0	0	0
Activ Mission Cost ($K):	0	0	0	0	0	0
Activ Mission Save ($K):	0	0	0	0	0	0
Misc Recurring Cost($K):	0	0	0	0	0	0
Misc Recurring Save($K):	0	0	0	0	0	0
Land (+Buy/-Sales) ($K):	0	0	0	0	0	0
Construction Schedule(%):	0%	0%	0%	0%	0%	0%
Shutdown Schedule (%):	0%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc($K):	0	0	0	0	0	0
Fam Housing Avoidnc($K):	0	0	0	0	0	0
Procurement Avoidnc($K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	0	Perc Family Housing ShutDown:				0.0%

Name: NSWC PORT HUENEME, CA

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost ($K):	0	0	0	0	0	0
1-Time Unique Save ($K):	0	0	0	0	0	0
1-Time Moving Cost ($K):	0	0	0	0	0	0
1-Time Moving Save ($K):	0	0	0	0	0	0
Env Non-MilCon Reqd($K):	0	0	0	0	0	0
Activ Mission Cost ($K):	0	0	0	0	0	0
Activ Mission Save ($K):	0	0	0	0	0	0
Misc Recurring Cost($K):	0	0	0	0	0	0
Misc Recurring Save($K):	0	0	0	0	0	0
Land (+Buy/-Sales) ($K):	0	0	0	0	0	0
Construction Schedule(%):	0%	0%	0%	0%	0%	0%
Shutdown Schedule (%):	0%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc($K):	0	0	0	0	0	0
Fam Housing Avoidnc($K):	0	0	0	0	0	0
Procurement Avoidnc($K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	0	Perc Family Housing ShutDown:				0.0%

(See final page for Explanatory Notes)

Department : NAVY
Option Package : Indy/Louisville
Scenario File : P:\COBRA\DONE\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

INPUT SCREEN SIX - BASE PERSONNEL INFORMATION

Name: NAWC AD INDIANAPOLIS, IN

	1996	1997	1998	1999	2000	2001
Off Force Struc Change:	0	0	0	0	0	0
Enl Force Struc Change:	2	0	0	0	0	0
Civ Force Struc Change:	-240	0	0	0	0	0
Stu Force Struc Change:	0	0	0	0	0	0
Off Scenario Change:	0	0	0	0	-6	0
Enl Scenario Change:	0	0	0	0	0	0
Civ Scenario Change:	0	0	0	-185	-242	0
Off Change(No Sal Save):	0	0	0	0	0	0
Enl Change(No Sal Save):	0	0	0	0	0	0
Civ Change(No Sal Save):	0	0	0	-601	0	0
Caretakers - Military:	0	0	0	0	0	0
Caretakers - Civilian:	0	0	0	0	0	0

INPUT SCREEN SIX - BASE PERSONNEL INFORMATION

Name: NSWC LOUISVILLE, KY

	1996	1997	1998	1999	2000	2001
Off Force Struc Change:	-1	0	0	0	0	0
Enl Force Struc Change:	0	0	0	0	0	0
Civ Force Struc Change:	-300	0	0	0	0	0
Stu Force Struc Change:	0	0	0	0	0	0
Off Scenario Change:	0	0	0	0	-4	0
Enl Scenario Change:	0	0	0	0	0	0
Civ Scenario Change:	0	-46	-66	-125	-200	0
Off Change(No Sal Save):	0	0	0	0	0	0
Enl Change(No Sal Save):	0	0	0	0	0	0
Civ Change(No Sal Save):	0	0	0	0	0	0
Caretakers - Military:	0	0	0	0	0	0
Caretakers - Civilian:	0	0	0	0	0	0

INPUT SCREEN SEVEN - BASE MILITARY CONSTRUCTION INFORMATION

Name: NSWC CRANE, IN

Description	Categ	New MilCon	Rehab MilCon	Total Cost($K)
ADMIN FM INDY	ADMIN	110,000	0	8,800
MAINTENANCE FM INDY	MAINT	0	54,600	0
SCIF FM INDY	RDT&E	0	0	768
SHIP MAINTENANCE FM LOUISVILLE	SHPYD	0	3,500	650
MAINTENANCE FM LOUISVILLE	MAINT	0	100,000	2,000

Name: NAWC AD PAX RIVER, MD

Description	Categ	New MilCon	Rehab MilCon	Total Cost($K)
ADMIN	ADMIN	0	21,750	185
RDT&E	RDT&E	0	2,560	22
NETWORK	RDT&E	0	0	375

Department : NAVY
Option Package : Indy/Louisville
Scenario File : P:\COBRA\DONE\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

INPUT SCREEN SEVEN - BASE MILITARY CONSTRUCTION INFORMATION

Name: NAWC WPN CHINA LAKE, CA

Description	Categ	New MilCon	Rehab MilCon	Total Cost($K)
ADMIN	ADMIN	0	45,000	605
MAINTENANCE	MAINT	0	14,166	142
RDT&E	RDT&E	0	5,389	135
scif	RDT&E	0	0	288

Name: NSY NORFOLK, VA

Description	Categ	New MilCon	Rehab MilCon	Total Cost($K)
STORAGE	STORA	0	30,000	0
SHOP SPACE	SHPYD	0	100,000	0

STANDARD FACTORS SCREEN ONE - PERSONNEL

Percent Officers Married:	71.70%	Civ Early Retire Pay Factor:	9.00%
Percent Enlisted Married:	60.10%	Priority Placement Service:	60.00%
Enlisted Housing MilCon:	98.00%	PPS Actions Involving PCS:	50.00%
Officer Salary($/Year):	76,781.00	Civilian PCS Costs ($):	28,800.00
Off BAQ with Dependents($):	7,925.00	Civilian New Hire Cost($):	0.00
Enlisted Salary($/Year):	33,178.00	Nat Median Home Price($):	114,600.00
Enl BAQ with Dependents($):	5,251.00	Home Sale Reimburse Rate:	10.00%
Avg Unemploy Cost($/Week):	174.00	Max Home Sale Reimburs($):	22,385.00
Unemployment Eligibility(Weeks):	18	Home Purch Reimburse Rate:	5.00%
Civilian Salary($/Year):	54,694.00	Max Home Purch Reimburs($):	11,191.00
Civilian Turnover Rate:	15.00%	Civilian Homeowning Rate:	64.00%
Civilian Early Retire Rate:	10.00%	HAP Home Value Reimburse Rate:	22.90%
Civilian Regular Retire Rate:	5.00%	HAP Homeowner Receiving Rate:	5.00%
Civilian RIF Pay Factor:	39.00%	RSE Home Value Reimburse Rate:	0.00%
SF File Desc:	NAVY DBOF BRAC95	RSE Homeowner Receiving Rate:	0.00%

STANDARD FACTORS SCREEN TWO - FACILITIES

RPMA Building SF Cost Index:	0.93	Rehab vs. New MilCon Cost:	75.00%
BOS Index (RPMA vs population):	0.54	Info Management Account:	0.00%
(Indices are used as exponents)		MilCon Design Rate:	9.00%
Program Management Factor:	10.00%	MilCon SIOH Rate:	6.00%
Caretaker Admin(SF/Care):	162.00	MilCon Contingency Plan Rate:	5.00%
Mothball Cost ($/SF):	1.25	MilCon Site Preparation Rate:	39.00%
Avg Bachelor Quarters(SF):	294.00	Discount Rate for NPV.RPT/ROI:	2.75%
Avg Family Quarters(SF):	1.00	Inflation Rate for NPV.RPT/ROI:	0.00%

APPDET.RPT Inflation Rates:
1996: 0.00% 1997: 2.90% 1998: 3.00% 1999: 3.00% 2000: 3.00% 2001: 3.00%

STANDARD FACTORS SCREEN THREE - TRANSPORTATION

Material/Assigned Person(Lb):	710	Equip Pack & Crate($/Ton):	284.00
HHG Per Off Family (Lb):	14,500.00	Mil Light Vehicle($/Mile):	0.31
HHG Per Enl Family (Lb):	9,000.00	Heavy/Spec Vehicle($/Mile):	3.38
HHG Per Mil Single (Lb):	6,400.00	POV Reimbursement($/Mile):	0.18
HHG Per Civilian (Lb):	18,000.00	Avg Mil Tour Length (Years):	4.17
Total HHG Cost ($/100Lb):	35.00	Routine PCS($/Pers/Tour):	3,763.00
Air Transport ($/Pass Mile):	0.20	One-Time Off PCS Cost($):	4,527.00
Misc Exp ($/Direct Employ):	700.00	One-Time Enl PCS Cost($):	1,403.00

Data As Of 13:02 02/21/1995, Report Created 13:14 02/21/1995

Department : NAVY
Option Package : Indy/Louisville
Scenario File : P:\COBRA\DONE\INDYLOUI.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

STANDARD FACTORS SCREEN FOUR - MILITARY CONSTRUCTION

Category	UM	$/UM	Category	UM	$/UM
Horizontal	(SY)	61	Optional Category A	( )	0
Waterfront	(LF)	10,350	Optional Category B	( )	0
Air Operations	(SF)	122	Optional Category C	( )	0
Operational	(SF)	111	Optional Category D	( )	0
Administrative	(SF)	123	Optional Category E	( )	0
School Buildings	(SF)	108	Optional Category F	( )	0
Maintenance Shops	(SF)	102	Optional Category G	( )	0
Bachelor Quarters	(SF)	96	Optional Category H	( )	0
Family Quarters	(EA)	78,750	Optional Category I	( )	0
Covered Storage	(SF)	94	Optional Category J	( )	0
Dining Facilities	(SF)	165	Optional Category K	( )	0
Recreation Facilities	(SF)	120	Optional Category L	( )	0
Communications Facil	(SF)	165	Optional Category M	( )	0
Shipyard Maintenance	(SF)	129	Optional Category N	( )	0
RDT & E Facilities	(SF)	160	Optional Category O	( )	0
POL Storage	(BL)	12	Optional Category P	( )	0
Ammunition Storage	(SF)	160	Optional Category Q	( )	0
Medical Facilities	(SF)	168	Optional Category R	( )	0
Environmental	( )	0			

EXPLANATORY NOTES (INPUT SCREEN NINE)

5 - SCREEN REPRESENTS COMBINATION OF COSTS REPORTED BY INDY AND LVILLE.