DCN 560

COBRA REALIGNMENT SUMMARY (COBRA v5.08) - Page 1/2
Data As Of 09:57 12/24/1994, Report Created 12:54 02/09/1995

Department : NAVY
Option Package : NWAD
Scenario File : P:\COBRA\PRELIM\PRELIM3\NWAD-REV.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Starting Year : 1996
Final Year : 2000
ROI Year : 2003 (3 Years)

NPV in 2015($K): -178,301
1-Time Cost($K): 76,040

Net Costs ($K) Constant Dollars

	1996	1997	1998	1999	2000	2001	Total	Beyond
MilCon	9,468	21,217	0	18,579	0	0	49,264	0
Person	-8	126	162	-3,181	-6,738	-8,099	-18,739	-9,099
Overhd	1,920	1,775	597	-4,148	-5,228	-12,183	-17,265	-12,183
Moving	1	1,961	7,742	720	7,190	0	17,614	0
Missio	0	0	0	0	0	0	0	0
Other	0	72	274	125	383	0	854	0
TOTAL	11,381	25,151	8,775	12,097	-4,394	-21,282	31,729	-21,282

	1996	1997	1998	1999	2000	2001	Total
							1
							0
							165
							166
							2
							6
							0
							636
							644

NWAD

CORONA

5 BOOKS (MARCH AFB?)

PA- ~~PROGRAM~~ ASSESSMENT

rehnr.

re ELEC measurement vices

- fleet exercises

ENCOUNTER AIR BATTLE

OPTEVFOR
Operation test + eval force

WAL - warfare assessment lab - MSC SHOTS

QUALITY ASSESSMENT - eng program analysis (SWO/AIR)

3RD PART LOOK

CIV JOBS BASE 086573

MS - measurement science - set cal standards - what + how much

BLACK BOX testers / designers

11/4/22

.16% SE - sys engineering - computer support - PMA 248

TAC COMBAT TR

JACT AIR RANGES FOR NAVAIR

Department : NAVY
Option Package : NWAD
Scenario File : P:\COBRA\PRELIM\PRELIM3\NWAD-REV.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Costs ($K) Constant Dollars	1996	1997	1998	1999	2000	2001	Total	Beyond
MilCon	9,468	21,217	0	18,579	0	0	49,264	0
Person	22	184	832	278	670	43	2,029	43
Overhd	1,925	1,914	2,460	2,005	2,437	1,601	12,342	1,601
Moving	1	1,961	7,744	720	7,190	0	17,617	0
Missio	0	0	0	0	0	0	0	0
Other	0	72	274	125	383	0	854	0
TOTAL	11,417	25,348	11,311	21,707	10,679	1,644	82,106	1,644

Savings ($K) Constant Dollars	1996	1997	1998	1999	2000	2001	Total	Beyond
MilCon	0	0	0	0	0	0	0	0
Person	31	58	670	3,459	7,408	9,142	20,767	9,142
Overhd	5	139	1,863	6,151	7,665	13,784	29,607	13,784
Moving	0	0	3	0	0	0	3	0
Missio	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
TOTAL	36	197	2,536	9,610	15,073	22,926	50,377	22,926

ELIM CIV BILLETS & BOUGHT BACK w/ CONTRACTOR

TOTAL ONE-TIME COST REPORT (COBRA v5.08) - Page 1/6
Data As Of 09:57 12/24/1994, Report Created 12:54 02/09/1995

Department : NAVY
Option Package : NWAD
Scenario File : P:\COBRA\PRELIM\PRELIM3\NWAD-REV.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

(All values in Dollars)

Category	Cost	Sub-Total
Construction		
Military Construction	49,264,293	
Family Housing Construction	0	
Information Management Account	0	
Land Purchases	0	
Total - Construction		49,264,293
Personnel		
Civilian RIF	1,194,517	
Civilian Early Retirement	438,099	
Civilian New Hires	0	
Eliminated Military PCS	4,527	
Unemployment	175,392	
Total - Personnel		1,812,535
Overhead		
Program Planning Support	5,852,965	
Mothball / Shutdown	640,000	
Total - Overhead		6,492,965
Moving		
Civilian Moving	13,394,895	
Civilian PPS	2,188,800	
Military Moving	14,212	
Freight	1,249,818	
One-Time Moving Costs	769,000	
Total - Moving		17,616,725
Other		
HAP / RSE	0	
Environmental Mitigation Costs	100,000	
One-Time Unique Costs	754,000	
Total - Other		854,000
Total One-Time Costs		76,040,518
One-Time Savings		
Military Construction Cost Avoidances	0	
Family Housing Cost Avoidances	0	
Military Moving	2,707	
Land Sales	0	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	
Total One-Time Savings		2,707
Total Net One-Time Costs		76,037,811

Department : NAVY
Option Package : NWAD
Scenario File : P:\COBRA\PRELIM\PRELIM3\NWAD-REV.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NWAD CORONA, 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	1,194,517	
Civilian Early Retirement	438,099	
Civilian New Hires	0	
Eliminated Military PCS	4,527	
Unemployment	175,392	
Total - Personnel		1,812,535
Overhead		
Program Planning Support	5,852,965	
Mothball / Shutdown	640,000	
Total - Overhead		6,492,965
Moving		
Civilian Moving	13,394,895	
Civilian PPS	2,188,800	
Military Moving	14,212	
Freight	1,249,818	
One-Time Moving Costs	769,000	
Total - Moving		17,616,725
Other		
HAP / RSE	0	
Environmental Mitigation Costs	0	
One-Time Unique Costs	0	
Total - Other		0
Total One-Time Costs		25,922,225
One-Time Savings		
Military Construction Cost Avoidances	0	
Family Housing Cost Avoidances	0	
Military Moving	2,707	
Land Sales	0	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	
Total One-Time Savings		2,707
Total Net One-Time Costs		25,919,518

Data As Of 09:57 12/24/1994, Report Created 12:54 02/09/1995

Department : NAVY
Option Package : NWAD
Scenario File : P:\COBRA\PRELIM\PRELIM3\NWAD-REV.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NAVPGSCOL MONTEREY, CA
(All values in Dollars)

Category	Cost	Sub-Total
Construction		
Military Construction	38,977,034	
Family Housing Construction	0	
Information Management Account	0	
Land Purchases	0	
Total - Construction		38,977,034
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	522,000	
Total - Other		622,000
Total One-Time Costs		39,599,034
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		39,599,034

Department : NAVY
Option Package : NWAD
Scenario File : P:\COBRA\PRELIM\PRELIM3\NWAD-REV.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: BASE X, 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

Department : NAVY
Option Package : NWAD
Scenario File : P:\COBRA\PRELIM\PRELIM3\NWAD-REV.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	5,886,258	
Family Housing Construction	0	
Information Management Account	0	
Land Purchases	0	
Total - Construction		5,886,258
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	72,000	
Total - Other		72,000
Total One-Time Costs		5,958,258
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		5,958,258

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Department : NAVY
Option Package : NWAD
Scenario File : P:\COBRA\PRELIM\PRELIM3\NWAD-REV.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NSWC CRANE, IN
(All values in Dollars)

Category	Cost	Sub-Total
Construction		
Military Construction	4,401,000	
Family Housing Construction	0	
Information Management Account	0	
Land Purchases	0	
Total - Construction		4,401,000
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	160,000	
Total - Other		160,000
Total One-Time Costs		4,561,000
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		4,561,000

TOTAL MILITARY CONSTRUCTION ASSETS (COBRA v5.08) - Page 1/6
Data As Of 09:57 12/24/1994, Report Created 12:54 02/09/1995

Department : NAVY
Option Package : NWAD
Scenario File : P:\COBRA\PRELIM\PRELIM3\NWAD-REV.CBR
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All Costs in $K

Base Name	Total MilCon	IMA Cost	Land Purch	Cost Avoid	Total Cost
NWAD CORONA	0	0	0	0	0
NAVPGSCOL MONTEREY	38,977	0	0	0	38,977
BASE X	0	0	0	0	0
NAWC WPN CHINA LAKE	5,886	0	0	0	5,886
NSWC CRANE	4,401	0	0	0	4,401
Totals:	49,264	0	0	0	49,264

364
2.1
364
7280
764.4

Department : NAVY
Option Package : NWAD
Scenario File : P:\COBRA\PRELIM\PRELIM3\NWAD-REV.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

MilCon for Base: NAVPGSCOL MONTEREY, CA

All Costs in $K

Description:	MilCon Categ	Using Rehab	Rehab Cost*	New MilCon	New Cost*	Total Cost*
NWAD RDT&E Building	RDT&E	110,328	25,976	0	0	25,976
Warfare Assess Lab	RDT&E	0	n/a	48,000	n/a	12,672
Admin Offices	ADMIN	1,820	329	0	0	329

Total Construction Cost:	38,977
+ Info Management Account:	0
+ Land Purchases:	0
- Construction Cost Avoid:	0
TOTAL:	38,977

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

Department : NAVY
Option Package : NWAD
Scenario File : P:\COBRA\PRELIM\PRELIM3\NWAD-REV.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*
SE/Test Set Labs	RDT&E	20,989	5,765	0	0	5,765
Level III Strong Rm	RDT&E	500	n/a	0	n/a	121

Total Construction Cost:	5,886
+ Info Management Account:	0
+ Land Purchases:	0
- Construction Cost Avoid:	0
TOTAL:	5,886

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

Department : NAVY
Option Package : NWAD
Scenario File : P:\COBRA\PRELIM\PRELIM3\NWAD-REV.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*
Measurement Science	RDT&E	30,926	n/a	0	n/a	3,093
Environmental Whse	STORA	14,760	n/a	0	n/a	295
MS Offices	ADMIN	24,040	n/a	0	n/a	273
Precision Machine	OPERA	2,407	n/a	0	n/a	240
Forced Machine	RDT&E	0	n/a	1	n/a	500

100/sq ft
20/sq ft
11,35 sq ft
100 sq ft

Total Construction Cost:	4,401
+ Info Management Account:	0
+ Land Purchases:	0
- Construction Cost Avoid:	0
TOTAL:	4,401

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

PERSONNEL SUMMARY REPORT (COBRA v5.08)
Data As Of 09:57 12/24/1994, Report Created 12:54 02/09/1995

Department : NAVY
Option Package : NWAD
Scenario File : P:\COBRA\PRELIM\PRELIM3\NWAD-REV.CBR
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PERSONNEL SUMMARY FOR: NWAD CORONA, CA

BASE POPULATION (FY 1996):

Officers	Enlisted	Students	Civilians
2	6	0	992

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	-109	0	0	0	0	0	-109
TOTAL	-108	0	0	0	0	0	-108

CONTINUED

BASE POPULATION (Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
3	6	0	883

PERSONNEL REALIGNMENTS:

To Base: NAVPGSCOL MONTEREY, CA

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	2	0	0	0	2
Enlisted	0	0	1	0	0	0	1
Students	0	0	0	0	0	0	0
Civilians	0	0	185	0	179	0	364
TOTAL	0	0	188	0	179	0	367

To Base: BASE X, CA

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	0	0	0	0	0
Enlisted	5	0	0	0	0	0	5
Students	0	0	0	0	0	0	0
Civilians	0	0	0	0	0	0	0
TOTAL	5	0	0	0	0	0	5

MARCH AFB

To Base: NAWC WPN CHINA LAKE, 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	84	0	0	0	0	84
TOTAL	0	84	0	0	0	0	84

To Base: NSWC CRANE, 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	135	0	53	0	188
TOTAL	0	0	135	0	53	0	188

TOTAL PERSONNEL REALIGNMENTS (Out of NWAD CORONA, CA):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	2	0	0	0	2
Enlisted	5	0	1	0	0	0	6
Students	0	0	0	0	0	0	0
Civilians	0	84	320	0	232	0	636
TOTAL	5	84	323	0	232	0	644

Department : NAVY
Option Package : NWAD
Scenario File : P:\COBRA\PRELIM\PRELIM3\NWAD-REV.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

SCENARIO POSITION CHANGES:

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	0	0	-1	0	-1
Enlisted	0	0	0	0	0	0	0
Civilians	0	-1	-21	-81	-62	0	-165
TOTAL	0	-1	-21	-81	-63	0	-166

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	-58	0	-24	0	-82
TOTAL	0	0	-58	0	-24	0	-82

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
0	0	0	0

PERSONNEL SUMMARY FOR: NAVPGSCOL MONTEREY, CA

BASE POPULATION (FY 1996, Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
167	245	29	1,462

PERSONNEL REALIGNMENTS:
From Base: NWAD CORONA, CA

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	2	0	0	0	2
Enlisted	0	0	1	0	0	0	1
Students	0	0	0	0	0	0	0
Civilians	0	0	185	0	179	0	364
TOTAL	0	0	188	0	179	0	367

TOTAL PERSONNEL REALIGNMENTS (Into NAVPGSCOL MONTEREY, CA):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	2	0	0	0	2
Enlisted	0	0	1	0	0	0	1
Students	0	0	0	0	0	0	0
Civilians	0	0	185	0	179	0	364
TOTAL	0	0	188	0	179	0	367

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
169	246	29	1,826

PERSONNEL SUMMARY FOR: BASE X, CA

BASE POPULATION (FY 1996, Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
2,787	37,589	78	3,468

Department : NAVY
Option Package : NWAD
Scenario File : P:\COBRA\PRELIM\PRELIM3\NWAD-REV.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

PERSONNEL REALIGNMENTS:
From Base: NWAD CORONA, CA

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	0	0	0	0	0
Enlisted	5	0	0	0	0	0	5
Students	0	0	0	0	0	0	0
Civilians	0	0	0	0	0	0	0
TOTAL	5	0	0	0	0	0	5

TOTAL PERSONNEL REALIGNMENTS (Into BASE X, CA):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	0	0	0	0	0
Enlisted	5	0	0	0	0	0	5
Students	0	0	0	0	0	0	0
Civilians	0	0	0	0	0	0	0
TOTAL	5	0	0	0	0	0	5

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
2,787	37,594	78	3,468

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: NWAD CORONA, 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	84	0	0	0	0	84
TOTAL	0	84	0	0	0	0	84

TOTAL PERSONNEL REALIGNMENTS (Into NAWC WPN CHINA LAKE, 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	84	0	0	0	0	84
TOTAL	0	84	0	0	0	0	84

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
143	868	0	4,310

PERSONNEL SUMMARY FOR: NSWC CRANE, IN

BASE POPULATION (FY 1996, Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
16	82	0	3,258

Department : NAVY
Option Package : NWAD
Scenario File : P:\COBRA\PRELIM\PRELIM3\NWAD-REV.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

PERSONNEL REALIGNMENTS:
From Base: NWAD CORONA, 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	135	0	53	0	188
TOTAL	0	0	135	0	53	0	188

TOTAL PERSONNEL REALIGNMENTS (Into NSWC CRANE, 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	135	0	53	0	188
TOTAL	0	0	135	0	53	0	188

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
16	82	0	3,446

TOTAL PERSONNEL IMPACT REPORT (COBRA v5.08) - Page 1/6
Data As Of 09:57 12/24/1994, Report Created 12:54 02/09/1995

Department : NAVY
Option Package : NWAD
Scenario File : P:\COBRA\PRELIM\PRELIM3\NWAD-REV.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

	Rate	1996	1997	1998	1999	2000	2001	Total
CIVILIAN POSITIONS REALIGNING OUT		0	84	320	0	232	0	636
Early Retirement*	10.00%	0	8	33	0	23	0	64
Regular Retirement*	5.00%	0	4	16	0	12	0	32
Civilian Turnover*	15.00%	0	13	48	0	35	0	96
Civs Not Moving (RIFs)*+		0	5	19	0	14	0	38
Civilians Moving (the remainder)		0	54	204	0	148	0	406
Civilian Positions Available		0	30	116	0	84	0	230
CIVILIAN POSITIONS ELIMINATED		0	1	79	81	86	0	247
Early Retirement	10.00%	0	0	8	8	9	0	25
Regular Retirement	5.00%	0	0	4	4	4	0	12
Civilian Turnover	15.00%	0	0	12	12	13	0	37
Civs Not Moving (RIFs)*+		0	0	5	5	5	0	15
Priority Placement#	80.00%	0	1	47	49	52	0	149
Civilians Available to Move		0	0	3	3	3	0	9
Civilians Moving		0	0	3	0	3	0	6
Civilian RIFs (the remainder)		0	0	0	3	0	0	3
CIVILIAN POSITIONS REALIGNING IN		0	84	320	0	232	0	636
Civilians Moving		0	54	207	0	151	0	412
New Civilians Hired		0	30	113	0	81	0	224
Other Civilian Additions		0	0	0	0	0	0	0
TOTAL CIVILIAN EARLY RETIRMENTS		0	8	41	8	32	0	89
TOTAL CIVILIAN RIFS		0	5	24	8	19	0	56
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	1	47	49	52	0	149
TOTAL CIVILIAN NEW HIRES		0	30	113	0	81	0	224

* 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%

Department : NAVY
Option Package : NWAD
Scenario File : P:\COBRA\PRELIM\PRELIM3\NWAD-REV.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NWAD CORONA, CA	Rate	1996	1997	1998	1999	2000	2001	Total
CIVILIAN POSITIONS REALIGNING OUT		0	84	320	0	232	0	636
Early Retirement*	10.00%	0	8	33	0	23	0	64
Regular Retirement*	5.00%	0	4	16	0	12	0	32
Civilian Turnover*	15.00%	0	13	48	0	35	0	96
Civs Not Moving (RIFs)*	6.00%	0	5	19	0	14	0	38
Civilians Moving (the remainder)		0	54	204	0	148	0	406
Civilian Positions Available		0	30	116	0	84	0	230
CIVILIAN POSITIONS ELIMINATED		0	1	79	81	86	0	247
Early Retirement	10.00%	0	0	8	8	9	0	25
Regular Retirement	5.00%	0	0	4	4	4	0	12
Civilian Turnover	15.00%	0	0	12	12	13	0	37
Civs Not Moving (RIFs)*	6.00%	0	0	5	5	5	0	15
Priority Placement#	60.00%	0	1	47	49	52	0	149
Civilians Available to Move		0	0	3	3	3	0	9
Civilians Moving		0	0	3	0	3	0	6
Civilian RIFs (the remainder)		0	0	0	3	0	0	3
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	8	41	8	32	0	89
TOTAL CIVILIAN RIFS		0	5	24	8	19	0	56
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	1	47	49	52	0	149
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 : NWAD
Scenario File : P:\COBRA\PRELIM\PRELIM3\NWAD-REV.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NAVPGSCOL MONTEREY, 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	185	0	179	0	364
Civilians Moving		0	0	121	0	117	0	238
New Civilians Hired		0	0	64	0	62	0	126
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	64	0	62	0	126

* 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 : NWAD
Scenario File : P:\COBRA\PRELIM\PRELIM3\NWAD-REV.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: BASE X, 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	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 : NWAD
Scenario File : P:\COBRA\PRELIM\PRELIM3\NWAD-REV.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#	50.00%	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	84	0	0	0	0	84
Civilians Moving		0	54	0	0	0	0	54
New Civilians Hired		0	30	0	0	0	0	30
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	30	0	0	0	0	30

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

Not all Priority Placements involve a Permanent Change of Station. The rate of PPS placements involving a PCS is 50.00%

Department : NAVY
Option Package : NWAD
Scenario File : P:\COBRA\PRELIM\PRELIM3\NWAD-REV.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		0	0	135	0	53	0	188
Civilians Moving		0	0	86	0	34	0	120
New Civilians Hired		0	0	49	0	19	0	68
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	49	0	19	0	68

* 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 1/18
Data As Of 09:57 12/24/1994, Report Created 12:54 02/09/1995

Department : NAVY
Option Package : NWAD
Scenario File : P:\COBRA\PRELIM\PRELIM3\NWAD-REV.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

ONE-TIME COSTS -----($K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	9,468	21,217	0	18,579	0	0	49,264
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	107	512	171	405	0	1,194
Civ Retire	0	39	202	39	157	0	438
CIV MOVING							
Per Diem	0	229	666	0	500	0	1,396
POV Miles	0	1	38	0	18	0	57
Home Purch	0	768	2,734	0	2,014	0	5,516
HHG	0	344	1,436	0	1,016	0	2,796
Misc	0	38	145	0	106	0	288
House Hunt	0	137	526	0	359	0	1,022
PPS	0	29	691	720	749	0	2,189
RITA	0	329	1,150	0	839	0	2,318
FREIGHT							
Packing	1	13	52	0	37	0	104
Freight	0	63	256	0	805	0	1,124
Vehicles	0	0	0	0	20	0	20
Driving	0	0	0	0	1	0	1
Unemployment	0	16	75	25	59	0	175
OTHER							
Program Plan	1,918	1,439	1,079	809	607	0	5,853
Shutdown	3	61	288	58	229	0	640
New Hire	0	0	0	0	0	0	0
1-Time Move	0	9	36	0	724	0	769
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	12	0	0	0	12
Misc	0	0	2	0	0	0	2
OTHER							
Elim PCS	0	0	0	0	4	0	4
OTHER							
HAP / RSE	0	0	0	0	0	0	0
Environmental	0	0	0	100	0	0	100
Info Manage	0	0	0	0	0	0	0
1-Time Other	0	72	274	25	383	0	754
TOTAL ONE-TIME	11,391	24,912	10,175	20,527	9,035	0	76,040

1.4

2.2

Department : NAVY
Option Package : NWAD
Scenario File : P:\COBRA\PRELIM\PRELIM3\NWAD-REV.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

RECURRINGCOSTS -----($K)-----	1998	1997	1998	1999	2000	2001	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	0	47	91	91	91	321	91
BOS	3	414	1,046	1,046	1,510	1,510	5,528	1,510
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	22	22	43	43	43	43	216	43
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	25	436	1,136	1,180	1,644	1,644	6,066	1,644
TOTAL COST	11,417	25,348	11,311	21,707	10,679	1,644	82,106	1,644

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	3	0	0	0	3
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	3	0	0	0	3

RECURRINGSAVES -----($K)-----	1996	1997	1998	1999	2000	2001	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	5	95	592	1,098	1,537	1,925	5,252	1,925
BOS	0	43	1,272	5,053	6,128	11,859	24,355	11,859
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	27	629	3,418	7,329	9,024	20,428	9,024
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Off Salary	0	0	0	0	38	77	115	77
Enl Salary	0	0	0	0	0	0	0	0
House Allow	31	31	41	41	41	41	224	41
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	36	197	2,533	9,610	15,073	22,926	50,375	22,926
TOTAL SAVINGS	36	197	2,536	9,610	15,073	22,926	50,377	22,926

Department : NAVY
Option Package : NWAD
Scenario File : P:\COBRA\PRELIM\PRELIM3\NWAD-REV.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

ONE-TIME NET -----($K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	9,468	21,217	0	18,579	0	0	49,264
Fam Housing	0	0	0	0	0	0	0
O&M							
Civ Retir/RIF	0	146	714	210	563	0	1,633
Civ Moving	1	1,952	7,694	720	6,466	0	16,833
Other	1,922	1,524	1,479	892	1,619	0	7,437
MIL PERSONNEL							
Mil Moving	0	0	11	0	4	0	16
OTHER							
HAP / RSE	0	0	0	0	0	0	0
Environmental	0	0	0	100	0	0	100
Info Manage	0	0	0	0	0	0	0
1-Time Other	0	72	274	25	383	0	754
Land	0	0	0	0	0	0	0
TOTAL ONE-TIME	11,391	24,912	10,172	20,527	9,035	0	76,038

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	-5	-95	-545	-1,007	-1,445	-1,834	-4,931	-1,834
BOS	3	371	-225	-4,007	-4,619	-10,349	-18,827	-10,349
Unique Operat	0	0	0	0	0	0	0	0
Caretaker	0	0	0	0	0	0	0	0
Civ Salary	0	-27	-629	-3,418	-7,329	-9,024	-20,428	-9,024
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Salary	0	0	0	0	-38	-77	-115	-77
House Allow	-8	-8	2	2	2	2	-8	2
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	-10	240	-1,397	-8,430	-13,429	-21,282	-44,309	-21,282
TOTAL NET COST	11,381	25,151	8,775	12,097	-4,394	-21,282	31,729	-21,282

Department : NAVY
Option Package : NWAD
Scenario File : P:\COBRA\PRELIM\PRELIM3\NWAD-REV.CBR
Std Fctrs File : P:\COBRA\N95D80F.SFF

Base: NWAD CORONA, 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	107	512	171	405	0	1,194
Civ Retire	0	39	202	39	157	0	438
CIV MOVING							
Per Diem	0	229	666	0	500	0	1,396
POV Miles	0	1	38	0	18	0	57
Home Purch	0	768	2,734	0	2,014	0	5,516
HHG	0	344	1,436	0	1,016	0	2,796
Misc	0	38	145	0	106	0	288
House Hunt	0	137	526	0	359	0	1,022
PPS	0	29	691	720	749	0	2,189
RITA	0	329	1,150	0	839	0	2,318
FREIGHT							
Packing	1	13	52	0	37	0	104
Freight	0	63	256	0	805	0	1,124
Vehicles	0	0	0	0	20	0	20
Driving	0	0	0	0	1	0	1
Unemployment	0	16	75	25	59	0	175
OTHER							
Program Plan	1,918	1,439	1,079	809	807	0	5,853
Shutdown	3	61	288	58	229	0	640
New Hires	0	0	0	0	0	0	0
1-Time Move	0	9	36	0	724	0	769
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	12	0	0	0	12
Misc	0	0	2	0	0	0	2
OTHER							
Elim PCS	0	0	0	0	4	0	4
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	1,923	3,823	9,901	1,822	8,652	0	25,922

Department : NAVY
Option Package : NWAD
Scenario File : P:\COBRA\PRELIM\PRELIM3\NWAD-REV.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NWAD CORONA, 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	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	1,923	3,623	9,901	1,822	8,652	0	25,922	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	3	0	0	0	3
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	3	0	0	0	3

RECURRINGSAVES -----($K)-----	1996	1997	1998	1999	2000	2001	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	5	95	592	1,098	1,537	1,925	5,252	1,925
BOS	0	43	1,272	5,053	6,128	11,859	24,355	11,859
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	27	629	3,418	7,328	9,024	20,428	9,024
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Off Salary	0	0	0	0	38	77	115	77
Enl Salary	0	0	0	0	0	0	0	0
House Allow	31	31	41	41	41	41	224	41
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	36	197	2,533	9,610	15,073	22,926	50,375	22,926
TOTAL SAVINGS	36	197	2,536	9,610	15,073	22,926	50,377	22,926

Department : NAVY
Option Package : NWAD
Scenario File : P:\COBRA\PRELIM\PRELIM3\NWAD-REV.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NWAD CORONA, 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	146	714	210	563	0	1,633
Civ Moving	1	1,952	7,694	720	8,466	0	18,833
Other	1,922	1,524	1,479	892	1,619	0	7,437
MIL PERSONNEL							
Mil Moving	0	0	11	0	4	0	16
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	1,923	3,623	9,898	1,822	8,652	0	25,919

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	-5	-95	-592	-1,098	-1,537	-1,925	-5,252	-1,925
BOS	0	-43	-1,272	-5,053	-6,128	-11,859	-24,355	-11,859
Unique Operat	0	0	0	0	0	0	0	0
Caretaker	0	0	0	0	0	0	0	0
Civ Salary	0	-27	-629	-3,418	-7,329	-9,024	-20,428	-9,024
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Salary	0	0	0	0	-38	-77	-115	-77
House Allow	-31	-31	-41	-41	-41	-41	-224	-41
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	-36	-197	-2,533	-9,610	-15,073	-22,926	-50,375	-22,926
TOTAL NET COST	1,888	3,426	7,365	-7,788	-6,420	-22,926	-24,455	-22,926

Department : NAVY
Option Package : NWAD
Scenario File : P:\COBRA\PRELIM\PRELIM3\NWAD-REV.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NAVPGSCOL MONTEREY, CA

ONE-TIME COSTS -----($K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	3,218	18,318	0	17,441	0	0	38,977
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	100	0	0	100
Info Manage	0	0	0	0	0	0	0
1-Time Other	0	0	163	25	334	0	522
TOTAL ONE-TIME	3,218	18,318	163	17,566	334	0	39,599

Department : NAVY
Option Package : NWAD
Scenario File : P:\COBRA\PRELIM\PRELIM3\NWAD-REV.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NAVPGSCOL MONTEREY, 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	47	91	91	91	321	91
BOS	0	0	415	415	794	794	2,417	794
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	20	20	20	20	82	20
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	481	506	885	885	2,820	906
TOTAL COSTS	3,218	18,318	645	18,092	1,240	906	42,419	906

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 : NWAD
Scenario File : P:\COBRA\PRELIM\PRELIM3\NWAD-REV.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NAVPGSCOL MONTEREY, CA

ONE-TIME NET -----($K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	3,218	18,318	0	17,441	0	0	38,977
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	100	0	0	100
Info Manage	0	0	0	0	0	0	0
1-Time Other	0	0	163	25	334	0	522
Land	0	0	0	0	0	0	0
TOTAL ONE-TIME	3,218	18,318	163	17,566	334	0	39,599

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	47	91	91	91	321	91
BOS	0	0	415	415	794	794	2,417	794
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	20	20	20	20	82	20
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	482	526	906	906	2,820	906
TOTAL NET COST	3,218	18,318	645	18,092	1,240	906	42,419	906

Department : NAVY
Option Package : NWAD
Scenario File : P:\COBRA\PRELIM\PRELIM3\NWAD-REV.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: BASE X, 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 : NWAD
Scenario File : P:\COBRA\PRELIM\PRELIM3\NWAD-REV.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: BASE X, 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	3	3	3	3	3	3	18	3
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	22	22	22	22	22	22	134	22
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	3	3	3	3	3	3	153	25
TOTAL COSTS	25	25	25	25	25	25	153	25

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 : NWAD
Scenario File : P:\COBRA\PRELIM\PRELIM3\NWAD-REV.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: BASE X, 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	3	3	3	3	3	3	18	3
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	22	22	22	22	22	22	134	22
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	25	25	25	25	25	25	153	25
TOTAL NET COST	25	25	25	25	25	25	153	25

Department : NAVY
Option Package : NWAD
Scenario File : P:\COBRA\PRELIM\PRELIM3\NWAD-REV.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	5,886	0	0	0	0	0	5,886
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	72	0	0	0	0	72
TOTAL ONE-TIME	5,886	72	0	0	0	0	5,958

Department : NAVY
Option Package : NWAD
Scenario File : P:\COBRA\PRELIM\PRELIM3\NWAD-REV.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	411	411	411	411	411	2,054	411
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	411	411	411	411	411	2,054	411
TOTAL COSTS	5,886	483	411	411	411	411	8,012	411

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 : NWAD
Scenario File : P:\COBRA\PRELIM\PRELIM3\NWAD-REV.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	5,886	0	0	0	0	0	5,886
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	72	0	0	0	0	72
Land	0	0	0	0	0	0	0
TOTAL ONE-TIME	5,886	72	0	0	0	0	5,958

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	411	411	411	411	411	2,054	411
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	411	411	411	411	411	2,054	411
TOTAL NET COST	5,886	483	411	411	411	411	8,012	411

Data As Of 09:57 12/24/1994, Report Created 12:54 02/09/1995

Department : NAVY
Option Package : NWAD
Scenario File : P:\COBRA\PRELIM\PRELIM3\NWAD-REV.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	363	2,899	0	1,138	0	0	4,401
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	111	0	49	0	160
TOTAL ONE-TIME	363	2,899	111	1,138	49	0	4,561

Department : NAVY
Option Package : NWAD
Scenario File : P:\COBRA\PRELIM\PRELIM3\NWAD-REV.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	0	0	0	0	0	0
BOS	0	0	217	217	302	302	1,039	302
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	217	217	302	302	1,039	302
TOTAL COSTS	363	2,899	328	1,358	351	302	5,600	302

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 : NWAD
Scenario File : P:\COBRA\PRELIM\PRELIM3\NWAD-REV.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	363	2,899	0	1,138	0	0	4,401
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	111	0	49	0	160
Land	0	0	0	0	0	0	0
TOTAL ONE-TIME	363	2,899	111	1,138	49	0	4,561

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	217	217	302	302	1,039	302
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	217	217	302	302	1,039	302
TOTAL NET COST	363	2,899	328	1,356	351	302	5,600	302

INPUT DATA REPORT (COBRA v5.08)
Data As Of 09:57 12/24/1994, Report Created 12:54 02/09/1995

Department : NAVY
Option Package : NWAD
Scenario File : P:\COBRA\PRELIM\PRELIM3\NWAD-REV.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:
NWAD CORONA, CA	Closes in FY 2000
NAVPGSCOL MONTEREY, CA	Realignment
BASE X, CA	Realignment
NAWC WPN CHINA LAKE, CA	Realignment
NSWC CRANE, IN	Realignment

Summary:
- Close NWAD Corona
- Move PA, QA, & WAL functions to NPGS Monterey
- Move MS functions (less Test Set Cert) to NSWC Crane
- Move SE and Test Set Cert functions to NAWC China Lake
- Move Army Reservist to ??
- Run based on NWAD "Final" cert received 12/23/94

SCENARIO 039C

INPUT SCREEN TWO - DISTANCE TABLE

From Base:	To Base:	Distance:
NWAD CORONA, CA	NAVPGSCOL MONTEREY, CA	297 mi
NWAD CORONA, CA	BASE X, CA	5 mi
NWAD CORONA, CA	NAWC WPN CHINA LAKE, CA	117 mi
NWAD CORONA, CA	NSWC CRANE, IN	2,016 mi

INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from NWAD CORONA, CA to NAVPGSCOL MONTEREY, CA

	1996	1997	1998	1999	2000	2001
Officer Positions:	0	0	2	0	0	0
Enlisted Positions:	0	0	1	0	0	0
Civilian Positions:	0	0	185	0	179	0
Student Positions:	0	0	0	0	0	0
Missn Eqpt (tons):	0	0	490	0	970	0
Suppt Eqpt (tons):	0	0	40	0	39	0
Military Light Vehicles:	0	0	0	0	0	0
Heavy/Special Vehicles:	0	0	0	0	0	0

Transfers from NWAD CORONA, CA to BASE X, CA

	1996	1997	1998	1999	2000	2001
Officer Positions:	0	0	0	0	0	0
Enlisted Positions:	5	0	0	0	0	0
Civilian Positions:	0	0	0	0	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

Department : NAVY
Option Package : NWAD
Scenario File : P:\COBRA\PRELIM\PRELIM3\NWAD-REV.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from NWAD CORONA, CA to NAWC WPN CHINA LAKE, 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	84	0	0	0	0
Student Positions:	0	0	0	0	0	0
Missn Eqpt (tons):	0	196	0	0	0	0
Suppt Eqpt (tons):	0	19	0	0	0	0
Military Light Vehicles:	0	0	0	0	0	0
Heavy/Special Vehicles:	0	0	0	0	0	0

Transfers from NWAD CORONA, CA to NSWC CRANE, IN

	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	135	0	53	0
Student Positions:	0	0	0	0	0	0
Missn Eqpt (tons):	0	0	168	0	1,165	0
Suppt Eqpt (tons):	0	0	42	0	0	0
Military Light Vehicles:	0	0	0	0	1	0
Heavy/Special Vehicles:	0	0	0	0	3	0

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: NWAD CORONA, CA

Total Officer Employees:	2	RPMA Non-Payroll ($K/Year):	1,925
Total Enlisted Employees:	6	Communications ($K/Year):	0
Total Student Employees:	0	BOS Non-Payroll ($K/Year):	13,295
Total Civilian Employees:	992	BOS Payroll ($K/Year):	8,213
Mil Families Living On Base:	0.0%	Family Housing ($K/Year):	0
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	1.24
Officer Housing Units Avail:	0	CHAMPUS In-Pat ($/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat ($/Visit):	0
Total Base Facilities(KSF):	512	CHAMPUS Shift to Medicare:	0.0%
Officer VHA ($/Month):	178	Activity Code:	64267
Enlisted VHA ($/Month):	201		
Per Diem Rate ($/Day):	140	Homeowner Assistance Program:	No
Freight Cost ($/Ton/Mile):	0.07	Unique Activity Information:	No

Name: NAVPGSCOL MONTEREY, CA

Total Officer Employees:	167	RPMA Non-Payroll ($K/Year):	2,048
Total Enlisted Employees:	245	Communications ($K/Year):	0
Total Student Employees:	29	BOS Non-Payroll ($K/Year):	7,946
Total Civilian Employees:	1,462	BOS Payroll ($K/Year):	13,126
Mil Families Living On Base:	50.0%	Family Housing ($K/Year):	166
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	1.20
Officer Housing Units Avail:	0	CHAMPUS In-Pat ($/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat ($/Visit):	0
Total Base Facilities(KSF):	999	CHAMPUS Shift to Medicare:	0.0%
Officer VHA ($/Month):	363	Activity Code:	62271
Enlisted VHA ($/Month):	247		
Per Diem Rate ($/Day):	111	Homeowner Assistance Program:	No
Freight Cost ($/Ton/Mile):	0.07	Unique Activity Information:	No

Department : NAVY
Option Package : NWAD
Scenario File : P:\COBRA\PRELIM\PRELIM3\NWAD-REV.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: BASE X, CA

Total Officer Employees:	2,787	RPMA Non-Payroll ($K/Year):	25,676
Total Enlisted Employees:	37,589	Communications ($K/Year):	0
Total Student Employees:	78	BOS Non-Payroll ($K/Year):	50,299
Total Civilian Employees:	3,468	BOS Payroll ($K/Year):	58,359
Mil Families Living On Base:	15.0%	Family Housing ($K/Year):	609
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	1.04
Officer Housing Units Avail:	0	CHAMPUS In-Pat ($/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat ($/Visit):	0
Total Base Facilities(KSF):	2,928	CHAMPUS Shift to Medicare:	20.9%
Officer VHA ($/Month):	286	Activity Code:	XXXXST
Enlisted VHA ($/Month):	184		
Per Diem Rate ($/Day):	110	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: NSWC CRANE, IN

Total Officer Employees:	16	RPMA Non-Payroll ($K/Year):	4,898
Total Enlisted Employees:	82	Communications ($K/Year):	0
Total Student Employees:	0	BOS Non-Payroll ($K/Year):	10,108
Total Civilian Employees:	3,258	BOS Payroll ($K/Year):	38,232
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 ($/Visit):	0
Total Base Facilities(KSF):	10,451	CHAMPUS Shift to Medicare:	0.0%
Officer VHA ($/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

Department : NAVY
Option Package : NWAD
Scenario File : P:\COBRA\PRELIM\PRELIM3\NWAD-REV.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: NWAD CORONA, 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 ($K):	0	9	36	0	724	0
1-Time Moving Save ($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):	512	Perc Family Housing ShutDown:				0.0%

Name: NAVPGSCOL MONTEREY, CA

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost ($K):	0	0	163	25	334	0
1-Time Unique Save ($K):	0	0	0	0	0	0
1-Time Moving Cost ($K):	0	0	0	0	0	0
1-Time Moving Save ($K):	0	0	0	0	0	0
Env Non-MilCon Reqd($K):	0	0	0	100	0	0
Activ Mission Cost ($K):	0	0	0	0	0	0
Activ Mission Save ($K):	0	0	0	0	0	0
Misc Recurring Cost($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: BASE X, 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%

Department : NAVY
Option Package : NWAD
Scenario File : P:\COBRA\PRELIM\PRELIM3\NWAD-REV.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: NAWC WPN CHINA LAKE, CA

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost ($K):	0	72	0	0	0	0
1-Time Unique Save ($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: NSWC CRANE, IN

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost ($K):	0	0	111	0	49	0
1-Time Unique Save ($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%

INPUT SCREEN SIX - BASE PERSONNEL INFORMATION

Name: NWAD CORONA, CA

	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:	-109	0	0	0	0	0
Stu Force Struc Change:	0	0	0	0	0	0
Off Scenario Change:	0	0	0	0	-1	0
Enl Scenario Change:	0	0	0	0	0	0
Civ Scenario Change:	0	-1	-21	-81	-62	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	-58	0	-24	0
Caretakers - Military:	0	0	0	0	0	0
Caretakers - Civilian:	0	0	0	0	0	0

- BUYING BACK 82 POSITIONS BACK OF ELIMINATED AS CONTRACTORS

Department : NAVY
Option Package : NWAD
Scenario File : P:\COBRA\PRELIM\PRELIM3\NWAD-REV.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

INPUT SCREEN SEVEN - BASE MILITARY CONSTRUCTION INFORMATION

Name: NAVPGSCOL MONTEREY, CA

Description	Categ	New MilCon	Rehab MilCon	Total Cost($K)
NWAD RDT&E Building	RDT&E	0	110,328	0
Warfare Assess Lab	RDT&E	48,000	0	12,672
Admin Offices	ADMIN	0	1,820	0

Name: NAWC WPN CHINA LAKE, CA

Description	Categ	New MilCon	Rehab MilCon	Total Cost($K)
SE/Test Set Labs	RDT&E	0	20,989	0
Level III Strong Rm	RDT&E	0	500	121

Name: NSWC CRANE, IN

Description	Categ	New MilCon	Rehab MilCon	Total Cost($K)
Measurement Science	RDT&E	0	30,926	3,093
Environmental Whse	STORA	0	14,760	295
MS Offices	ADMIN	0	24,040	273
Precision Machine	OPERA	0	2,407	240
Forced Machine	RDT&E	1	0	500

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%

Data As Of 09:57 12/24/1994, Report Created 12:54 02/09/1995

Department : NAVY
Option Package : NWAD
Scenario File : P:\COBRA\PRELIM\PRELIM3\NWAD-REV.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

STANDARD FACTORS SCREEN THREE - TRANSPORTATION

→ THIS FIGURE IS DISPUTED IN THE DATA CALL. NWAD SAYS IT SHOULD BE HIGHER DUE TO HIGHLY TECH WORK.

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

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			

Document Separator

NWAD Corona Scenario No 3-20-0212-039C

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

NEXT ECHELON LEVEL (if applicable)

R. W. CHAMBLISS
NAME (Please type or print)

RW Chambliss
Signature

Acting Commander
Title

2/16/95
Date

Naval Ordnance Center
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

G. R. STERNER
Commander
Naval Sea Systems Command
NAME (Please type or print)

GR Sterner
Signature

Title

2-17-95
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)

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

W A Earner
Signature

Title

2/22/95
Date

NWAD CORONA SCENARIO NO. 3-20-0212 -039C.

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

NEXT ECHELON LEVEL (if applicable)

R. SUTTON RADM, USN
NAME (Please type or print)

Signature

COMMANDER
Title

19 JAN 95
Date

NAVAL ORDNANCE CENTER
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

NAME (Please type or print)

Signature

G. R. STERNER
Title Commander
Naval Sea Systems Command

1.23.95
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)

W. A. EARNER

NAME (Please type or print)

Signature

Title

2/6/95
Date

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

EDWARD G. SCHWIER	Edward G. Schwier
NAME (Please type or print)	Signature
COMMANDING OFFICER	14 February 1995
Title	Date

NWAD Corona, CA
Activity

BRAC-95 DATA CALL 3-20-0212-039C, REVISION

Attachment Two

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."

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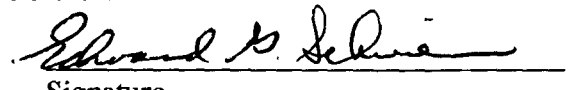
I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

ACTIVITY COMMANDER

EDWARD G. SCHWIER
NAME (Please type or print)


Signature

COMMANDING OFFICER
Title

3 JANUARY 1995
Date

NWAD Corona, CA
Activity

SCENARIO NO. 3-20-0212 -039C

Attachment Two

NAVAL WARFARE ASSESSMENT DIVISION

Response to BRAC 95 Scenario Development

Data Call 3-20-0212 -039C

Encl(4)

2-7

BRAC-95 Scenario Development Data Call Tasking

Scenario Number:	3-20-0212-039 C
Scenario Title:	NWAD Corona

Due Date:	1300 EST, 20 November 1994

Description of Closure/Realignment Scenario

Close NWAD Corona. Move necessary functions to NPGS Monterey

Preparation of a Scenario Development Data Call response for the closure/realignment scenario described above is mandatory. The lead major claimant may submit a separate additional Scenario Development Data Call response, which while not changing the base(s) identified as being closed/realigned, does identify alternative receiving sites. If an additional response is submitted, identify this response as Scenario Number 3-20-0212-039A.

BSAT Points of Contact

Any questions concerning this specific closure/realignment scenario should be addressed to the BSAT Technical Center Team at (703) 681-0491. General questions regarding COBRA or other costing issues should be addressed to Mr. David Wennergren at (703) 681-0456.

Subj: **COBRA SCENARIO DATA CALL RESPONSES (SCENARIO 3-20-0212-039 CLOSE NWAD CORONA; MOVE NECESSARY FUNCTIONS)**

1. Please do the coordination to cost out the following revision to the subject scenario:

a. Move all Measurement Science Functions (less the Test Set Certification RDT&E functions) to NSWC Crane. Verify that the NSWC Crane machine shops can/can not take on the Precision Machine shop work which would preclude the need to move the existing shop.

b. Move the Test Set Certification RDT&E functions to NAWC China Lake

c. Move the Performance Assessment Functions (PA RDT&E, Warfare Assessment Lab, Telemetry/TelComm/WISS/Ground Station) to NPGS Monterey.

d. Move the Quality Assessment functions to NPGS Monterey.

e. Move the Systems Engineering Functions to NAWC China Lake. Is the WISS better located at NAWC China Lake to collocate with the SE functions?

TABLE OF CONTENTS

NWAD CORONA SCENARIO
3-20-0212-039C
FINAL SUBMISSION

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

Activity: 64267 NWAD CORONA

PART I: 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 base 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" columns 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
N64267	NWAD CORONA	COMNAVSEASYS	2	1	902	0	1	0	-105	0	3	1	797	0
N46260	BRANCH MEDICAL CLINIC, NHLB	BUMED	0	0	0 1	0	0	0	0	0	0	0	0 1	0
N62736	NAVAL WEAPONS CENTER CHINA	COMNAVAIRSYSC	0	0	0	0	0	0	0	0	0	0	0	0
N68711	NAVACENGCOM, OICC	COMNAVFAC	0	0	0 1	0	0	0	0	0	0	0	0 1	0
68688	HPC-NSSC	COMNAVSEASYS	0	0	6 6	0	0	0	0	0	0	0	6 6	0
64267	NWAD CORONA - Pomona	COMNAVSEASYS	0	0	33 33	0	0	0	-3	0	0	0	30	0
N60761	NWSSB	COMNAVSEASYS	0	0	36 36	0	0	0	-1	0	0	0	35	0
60960	PACDIV	COMNAVSEASYS	0	0	9 9	0	0	0	0	0	0	0	9 9	0
N66965	DPS DET POINT MUGU	COMNAVSUPSYS	0	0	0 4	0	0	0	0	0	0	0	0 4	0
X00000	SATO	unknown	0	0	0	0	0	0	0	0	0	0	0	0
		TOTALS:	2	1	995 992	0	1	0	-109 -109	0	3	1	877 883	0

Base loading data, and all cost calculations, reflect alignment with the Navy CP-7 budget exhibit in accordance with direction from higher headquarters. The NAVAL WARFARE ASSESSMENT DIVISION's most recent budget submission, historical performance, particularly FY 94 execution, and current funded workload indicate that the CP-7 staffing figures are 10-15 percent lower than will actually be experienced. This means that, unless the work force is artificially constrained, there would be additional personnel, and cost, involved in executing this, and any, scenario.

Edward S. Schuren

NWAD 1 of 6

11/18/94

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 responses. 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
N64267	NAWD FIELD OFFICE BEAUFORT	COMNAVSEASYS	BEAUFORT	SC	0	0	4	0	NO	
N64267	NAWD FIELD OFFICE CECIL FIELD	COMNAVSEASYS	CECIL FIELD	FL	0	0	2	0	NO	
N64267	NAWC FIELD OFFICE CHERRY	COMNAVSEASYS	CHERRY POINT	NC	0	0	6	0	NO	
N64267	NAWC FIELD OFFICE EL CENTRO	COMNAVSEASYS	EL CENTRO	CA	0	0	1	0	NO	
N64267	NAWC FIELD OFFICE KEY WEST	COMNAVSEASYS	KEY WEST	FL	0	0	1	0	NO	
N64267	NAWD FIELD OFFICE MIRAMAR	COMNAVSEASYS	SAN DIEGO	CA	0	0	1	0	NO	
N64267	NAWD FIELD OFFICE PUERTO	COMNAVSEASYS	PUERTO RICO	PR	0	0	10	0	NO	
N64267	NWAD FIELD OFFICE ASN	COMNAVSEASYS	ASECNAV	DC	0	0	1	0	NO	
N64267	NWAD FIELD OFFICE CRETE	COMNAVSEASYS	CRETE		0	0	1	0	NO	
N64267	NWAD FIELD OFFICE FALLON	COMNAVSEASYS	FALLON	NV	0	0	11	0	NO	
N64267	NWAD FIELD OFFICE	COMNAVSEASYS	MOORESTOWN	NJ	0	0	1	0	NO	
N64267	NWAD FIELD OFFICE NORFOLK	COMNAVSEASYS	NORFOLK	VA	0	0	4	0	NO	
N64267	NWAD FIELD OFFICE OCEANA	COMNAVSEASYS	VIRGINIA BEACH	VA	0	0	3	0	NO	
N64267	NWAD FIELD OFFICE TUSTIN	COMNAVSEASYS	TUSTIN	CA	0	0	1	0	NO	
N64267	NWAD FIELD OFFICE YUMA	COMNAVSEASYS	YUMA	AZ	0	0	6	0	NO	
N64267	NWAD FIELD OFFICE JACKSONVILLE	COMNAVSEASYS	JACKSONVILLE	FL	0	0	1	0	NO	
				TOTALS	0	0	54	0		

NWAD 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 into both the "End FY 1001 Activity Population" and also the "Unplanned and Projected Billets/Positions" data in your data call response. Manpower estimates shown below for Naval Base Coronado are for planning purposes only. Please review and correct. "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 the

UIC	NAME	LOCATION	CITY	STATE	CLOSED	FY
N63340	NAVAL SPECIAL WARFARE GROUP ONE	CORONADO	CA	CA	YES	1995
N63340	NAVAL SPECIAL WARFARE GROUP ONE	CORONADO	CA	CA	YES	2000
N63340	NAVAL AMPHIBIOUS BASE	CORONADO	CA	CA		
					TOTALS:	

Base-Wide Closure Data

Navad 1 of 6

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 reutilization 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 3 estimates. Please ensure that accurate "End of FY 2001"

UIC	NAME	MAJOR CLAIMANT	OFF	ENL	CIV	Non-DOD	FY	RECEIVING BASE
XD0000	SATO	NAVSEA	0	0	0	0		
		TOTALS:	0	0	0	0		

ARMY RESERVE CENTER	0	5	0	0	
UNKNOWN SEA CADETS	0	0	0	0	
N/A AQMD	0	0	0	0	

NWAD 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): ≈ 512

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	MPMEA MANDAY	MPMEA PAY	OMMS MANPAY	OMMS PAY	MPMEA MANDAY	MPMEA PAY	OMMS MANPAY	OMMS PAY	MPMEA MANDAY	MPMEA PAY	OMMS MANPAY	OMMS PAY
68787	NWAD CORONA	COMNAVSEASYSCOM	0	0	0	0	1925	732	13295	8213	1925	732	13295	8213
		TOTALS:	0	0	0	0	1925	732	13295	8213	1925	732	13295	8213

1925 732 13295 8213 1925 732 13295 8213

#5 NOT CHANGED
#5 Rewritten for Legibility

NWAD 5 of 6

11/18/94

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 CONUS/OCONUS	TOTAL CONTRACT WORKYEARS	NO. OF WORK-YEARS TO BE TRANSFERRED	NO. OF WORK-YEARS TO BE ELIMINATED	NO. OF WORK-YEARS REMAINING AT ACTIVITY
68287	NWAD CORONA		~~185~~ 169 ★	111	~~15~~ 58	0 ~~35~~
		TOTALS:	~~185~~ 169 ★	111	~~15~~ 58	0 ~~35~~

NUMBERS NOT CHANGED
★ Re-WRITTEN for legibility

LOCAL AREA CONTRACTS

262	262	
431	373	58

NOTE: Data Call #66 response contained only contractor workyears performed on site. Local area contractor workyears total an additional 262 which would also transfer to new location.

NWAD 6.7.6

11/18/94

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.:	**3-20-0212-039C**
Scenario Title:	**Naval Warfare Assessment Division (NWAD), Corona, CA**
Date:	**1300 PST, 30 December 1994**

This directed scenario provides for the closure of NWAD Corona and the movement of functions to: Naval Postgraduate School, Monterey, CA; Naval Air Warfare Center, Weapons Division, China Lake, CA; and the Naval Surface Warfare Center, Crane Division, Crane, IN. The functions and workload distribution to these sites is provided by the following:

FUNCTION & WORKLOAD	SITE
Performance Assessment	NPGS, Monterey
Quality Assessment	NPGS, Monterey
Test System Certification (AIR/SEA)	NAWC-WD, China Lake
Range Systems Engineering and TACTS	NAWC-WD, China Lake
Metrology Engineering	NSWC-CD, Crane
Gage Engineering & Certification	NSWC-CD, Crane

This scenario distributes functions key to independent, **integrated** analysis among 3 sites. It alters the mission of NWAD and its successor organization from the independent and integrated assessment using nine basic engineering capabilities and eliminates the functional synergism of a single independent, integrated assessment activity across all warfare, platform, and weapons system areas. These engineering capabilities are integrally linked for specific systems allowing the life cycle relationships of fleet training, systems performance, material quality and related testing to be examined using a systems approach. Each of these nine engineering capabilities is applied across numerous platforms and systems. This results in two major benefits to the Navy: (1) a consistent application of a discipline uniformally applied across all programs which apply any of the nine engineering capabilities; and (2) programs which apply multiple engineering capabilities receive an aggregate of the lessons from the interrelationships of performance, training, material quality and test and measurement effectiveness to assist in making programmatic decisions and adjusting resources. This distribution also places the NAVAIR, NAVSEA, and other Test System

Certification functions within a single NAVAIR organization. Experience has shown that placing independent assessment functions such as Test Systems Certification within an organization affected by the assessments themselves invites the dangers associated with conflict of interest.

A total of 164 command staff and support positions, some of which would be duplicated by existing organizations at the gaining bases, were eliminated to reach part of a savings objective of 30 percent. Subsequent coordination between NWAD, NAVORDCEN, and NAVSEASYSCOM on 14 December 1994, permitted additional staff support not available at the gaining site to be transferred from the losing base, dependent upon the particular scenario. For this scenario, 19 additional positions are being transferred. This will reduce the gaining base support impact and reduce the eliminated number of command staff and support positions to 145. In addition, 102 direct funded positions were eliminated to achieve the reduction goal. This was done by identifying currently funded programs for which execution will either cease or be procured after closure from some other source. The need for each of these programs is conveyed annually by the sponsors, and stable funding is projected for their execution in the outyears. NWAD's direct funding has remained relatively stable despite declining Defense budgets, as program managers continue to fund the products we provide. R

The basis for selecting the programs for which the execution will either cease or be procured after closure was subjective judgment. Validation from specific sponsors could not be included within the time constraints as to whether actual savings will result, or if the work will be reallocated. The following lists the sponsors and workyears for the programs:

PROGRAM	SPONSOR	WORKYEARS
Metrology Type II Standards Calibration Laboratory	Fleet, NAVSEA, NAVAIR, SSP, Other	10
Government-Industry Data Exchange Program (GIDEP)	ASN(RDA)	14
Test Program Set Development	TRIDENT, NAVSEA(04)	11
Defense Acquisition University (DAU)	ASN(RDA)	11
Foreign Military Sales (FMS)	PMS-380, NAVSEA, NAVAIR	36
Systems Engineering Support	NAVSEA, NAVAIR, Other	20
	Total	**102**

We have confirmed that approximately 50% of the machine shop equipment resident at NWAD would, in fact, not require movement to NSWC Crane. The savings associated with not moving this equipment are reflected in the response below. Additionally, NWAD would be abandoning some of the metrology equipment as excess.

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

The RDT&E space requirements have been verified and the response below is validated as correct and in accordance with NAVFAC guidelines and the Basic Facilites Requirement document.

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:	**John V. Fishell or CDR David Leslie (X0)**
Organization/Code:	**NWAD Corona, CA / Codes MS 00 or CB**
Office Phone Number:	**John V. Fishell (909) 273-5221 or CDR David Leslie (909) 273-4867**
Fax Number:	**John V. Fishell (909) 273-5446 or CDR David Leslie (909) 273-4205**
Home Phone Number:	**John V. Fishell (909) 369-1036 or CDR David Leslie (619) 538-1479**

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 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.

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

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

Losing Base(s)	Gaining Base(s)	Workload/Missions Transferring
NWAD Corona, CA	NPGS Monterey, CA See Note (1)	Performance Assessment Quality Assessment Systems Engineering
NWAD Corona, CA	NSWC Crane, IN See Note (2)	Metrology Engineering Interface Gage Engineering & Certification
NWAD Corona, CA	NAWC China Lake, CA See Note (3)	Test Equipment Certification Range Engineering TACTS

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".

Note (1): **All NWAD Telemetry Field Offices and all but two personnel at Norfolk report to NPGS Monterey, CA.**

Note (2): **Two personnel from NWAD Norfolk Field Office will report to NSWC Crane, IN.**

Note (3): **All TACTS/EW Range Field Offices report to NAWC China Lake, CA.**

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:	**NWAD Corona, CA**

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.

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

Table 2-A: Disposition of Personnel - Detail Data

From **Losing Base**: **NWAD Corona, CA**

To **Gaining Base**: **NPGS Monterey, CA**

UIC	Name	Type	1996	1997	1998	1999	2000	2001	Total
64267	**NWAD Corona, CA**	Officer			**2**				**2**
		Enlisted			**1**				**1**
		Civilian			**185**		**179**		**364**
		Mil Stu							
		Officer							
		Enlisted							
		Civilian							
		Mil Stu							
		Officer							
		Enlisted							
		Civilian							
		Mil Stu							
		Officer							
		Enlisted							
		Civilian							
		Mil Stu							
		Officer							
		Enlisted							
		Civilian							
		Mil Stu							
	TOTAL	**Officer**			**2**				**2**
		Enlisted			**1**				**1**
		Civilian			**185**		**179**		**364**
		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-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 bo 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.

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 bo 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.

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

From **Losing** Base: **NWAD Corona, CA**

To **Gaining** Base: **NPGS Monterey, CA**

	1996	1997	1998	1999	2000	2001	Total
Officer Billets			2				2
Enlisted Billets			1				1
Civilian Positions			185		179		364
Military Students							
Tons of Mission Equipment			490		474		964
Tons of Support Equipment			40		39		79
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
Mission Equipment for:	
Performance Assessment Work Centers:	***Mission essential. Capability not available at receiving site.***
Directorate/Advance Technologies Group	
Instrumentation Systems Group	
Fleet Exercise Assessment Group	
AEGIS Systems Group	
Flight Analysis Group	
ASUW/AAW Systems Group	

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

Type of Equipment/Vehicles	Rationale for Relocating
Quality Assessment Work Centers: **Strategic Weapons** **Quality Engineering** **Readiness Assessment** **Weapons Assessment**	***Mission essential. Capability not available at receiving site.***
System Engineering Work Centers: **Simulation & Modeling Systems** **Software Development and Programming** **Warfare Assessment Laboratory**	***Mission essential. Capability not available at receiving site.***

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

Table 2-A: Disposition of Personnel - Detail Data

From **Losing Base: NWAD Corona, CA**

To Gaining Base: NSWC Crane, IN

UIC	Name	Type	1996	1997	1998	1999	2000	2001	Total
62467	**NWAD Corona CA**	Officer							
		Enlisted							
		Civilian			**135**		**53**		**188**
		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			**135**		**53**		**188**
		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.

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

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 bo 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.

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

From **Losing** Base: **NWAD Corona, CA**							
To **Gaining** Base: **NSWC Crane, IN**							
	1996	1997	1998	1999	2000	2001	Total
Officer Billets							
Enlisted Billets							
Civilian Positions			135		53		188
Military Students							
Tons of Mission Equipment			166		65		231
Tons of Support Equipment			42				42
Number of Light Vehicles					1		1
Number of Heavy Vehicles					3		3

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
Mission Equipment for:	
Metrology Engineering Work Centers	***Mission essential. Capability not available at receiving site.***
Interface Gage Engineering & Certification Work Centers	***Mission essential. Capability not available at receiving site.***
Types of Vehicles **Light Trucks** **Fork Lifts** **Carts**	***Mission essential. Capability not available at receiving site.***

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

Table 2-A: Disposition of Personnel - Detail Data

From **Losing Base: NWAD Corona, CA**

To Gaining Base: NAWC China Lake, CA

UIC	Name	Type	1996	1997	1998	1999	2000	2001	Total
62467	**NWAD Corona CA**	Officer							
		Enlisted							
		Civilian		**84**					**84**
		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		**84**					**84**
		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-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 bo 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.

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

From **Losing** Base: **NWAD Corona, CA**							
To **Gaining** Base: **NAWC China Lake, CA**							
	1996	1997	1998	1999	2000	2001	Total
Officer Billets							
Enlisted Billets							
Civilian Positions		**84**					**84**
Military Students							
Tons of Mission Equipment		**195**					**195**
Tons of Support Equipment		**19**					**19**
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
Mission Equipment for:	
Test Equipment Certification Work Centers	***Mission essential. Capability not available at receiving site.***
Range Engineering Work Centers	***Mission essential. Capability not available at receiving site.***
TACTS/EW Operations and Management Work Centers	***Mission essential. Capability not available at receiving site.***

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

Table 2-A: Disposition of Personnel - Detail Data

From **Losing Base: NWAD Corona, CA**

To Gaining Base: March Air Force Base

UIC	Name	Type	1996	1997	1998	1999	2000	2001	Total
Various	**Army Reserve Center**	Officer							
		Enlisted	5						5
		Civilian							
		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	5						5
		Civilian							
		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.

Note: Relocation part of BRAC 93

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.

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

Table 2-C: Eliminated Billets/Positions

Losing Base Name: NWAD Corona, CA

UIC	Name	Type	1996	1997	1998	1999	2000	2001	Total
64267	NWAD Corona, CA	Officer					1		1
		Enlisted							
		Civilian			64	64	63		191
66965	Defense Printing Service Long Beach, CA	Officer							
		Enlisted							
		Civilian				2	2		4
68968	PACDIV	Officer							
		Enlisted							
		Civilian			3	3	3		9
68689	Human Resource Office NAVSEA	Officer							
		Enlisted							
		Civilian			2	2	2		6
60701	NWS Seal Beach, CA	Officer							
		Enlisted							
		Civilian			10	10	15		35
68711	Naval Facilities Engineering Command	Officer							
		Enlisted							
		Civilian		1					1
46360	Branch Medical Clinic Long Beach Naval Hospital Long Beach, CA	Officer							
		Enlisted							
		Civilian					1		1
	TOTAL	Officer					1		1
		Enlisted							
		Civilian		1	79	81	86		247

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)

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Table 2-D: Manpower Reconciliation Data

	Officers	Enlisted	Civilians	Mil Stu	Total
A. Begin FY 1996:	2	6	992	0	1000
B. Force Structure Changes(+/-):	1	0	-109	0	-108
C. Prior BRAC Changes (+/-):	0	0	0	0	0
D. End FY 2001:	3	6	883	0	892
Moving to (List each Gaining Base):					
1. **NPGS Monterey, CA**	2	1	364	0	367
2. **NSWC Crane, IN**	0	0	188	0	188
3. **NAWC China Lake, CA**	0	0	84	0	84
4. **March AFB, Riverside, CA**	0	5	0	0	5
5.					
6.					
7.					
8.					
9.					
10.					
E. Total Billets/Positions Moving:	2	6	636	0	644
F. Eliminated Billets/Positions:	1	0	247		248
G. Remaining at Losing Base:	0	0	0	0	0
H. Sum of Lines E, F, and G:	3	6	883	0	892

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: **NWAD Corona, CA**							
	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**

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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: **NWAD Corona, CA**

	Cost	FY	Description
1.	**$2300**	**2001**	**Contract Phase-out cost**
2.	**$ 250**	**2001**	**Facilities (survey, legal fees, and deed transfer costs)**
3.	**$1762**	**1996**	**Transition Team ***
4.	**$1762**	**1997**	**Transition Team ***
5.	**$1762**	**1998**	**Transition Team ***
6.	**$1762**	**1999**	**Transition Team ***
7.	**$1762**	**2000**	**Transition Team ***

*** NOTE: Transition Team is responsible for the management, planning, and coordination of re-location, including: facilities and communications; personnel and functional transfers; equipment transfer/aquisition, and installation. The Transition Team size established as 5% of total personnel moving as per NOC guidance provided.**

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: **NWAD Corona, CA**

	Cost	FY	Description
1.	**$0**		**None identified.**

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: **NWAD Corona, CA**

	Cost	FY	Gaining Base	Description
1.	**$ 25**	**1997**	**NAWC China Lake, CA**	**Off-loading, declassification and and back-up of PCs, peripherals, servers, and workstations**
2.	**$ 93**	**1998**	**NPGS Monterey, CA NSWC Crane, IN**	**Off-loading, declassification and and back-up of PCs, peripherals, servers, and workstations**
3.	**$ 68**	**2000**	**NPGS Monterey, CA NSWC Crane, IN**	**Off-loading, declassification and and back-up of PCs, peripherals, servers, and workstations**

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	Cost	FY	Gaining Base	Description
4.	$ 6	1997	NAWC China Lake, CA	Inventory and packing of classified safes
5.	$ 25	1998	NPGS Monterey, CA NSWC Crane, IN	Inventory and packing of classified safes
6.	$ 14	2000	NPGS Monterey, CA NSWC Crane, IN	Inventory and packing of classified safes
7.	$ 12	1997	NAWC China Lake, CA	Packing, handling, and shipping hazardous materials
8.	$ 48	1998	NPGS Monterey, CA NSWC Crane, IN NAWC China Lake, CA	Packing, handling, and shipping hazardous materials
9.	$ 25	2000	NPGS Monterey, CA NSWC Crane, IN NAWC China Lake, CA	Packing, handling, and shipping hazardous materials
10.	$211	1997	NAWC China Lake, CA	Packing and unpacking downtime for personnel
11.	$804	1998	NPGS Monterey, CA NSWC Crane, IN	Packing and unpacking downtime for personnel
12.	$583	2000	NPGS, Monterey, CA NSWC Crane, IN	Packing and unpacking downtime for personnel
13.	$2088	2000	NSWC Crane, IN	Teardown, packing build-up, and calibrate Gage and Calibration Laboratory equipment
14.	$158	1998	NSWC Crane, IN	Packing of Technical Library
15.	$465	1997	NAWC China Lake, CA	Productivity loss
16.	$1773	1998	NPGS Monterey, CA NSWC Crane, IN	Productivity loss
17.	$1285	2000	NPGS Monterey, CA NSWC Crane, IN	Productivity loss
18.	$ 9	1997	NAWC China Lake, CA	Shipping of CONEX Boxes
19.	$ 36	1998	NPGS Monterey, CA	Shipping of CONEX Boxes
20.	$ 18	2000	NPGS Monterey, CA	Shipping of CONEX Boxes
21.	$ 22	1997	NAWC China Lake, CA	Packing, handling, and shipping of classified materials
22.	$ 22	1998	NPGS Monterey, CA	Packing, handling, and shipping of classified materials
23.	$ 56	2000	NPGS Monterey, CA	Packing, handling, and shipping of classified materials
24.	$1892	2000	NPGS Monterey, CA	Packing and handling of Micro/ Training, Computer Room, WAL, and COMM of equipment

	Cost	FY	Gaining Base	Description
25.	$480	2000	NPGS Monterey, CA	**Teardown and build-up of communication switches**
26.	$ 15	1998	NPGS Monterey, CA	**Shipping of miscellaneous switches**
27.	$235	2000	NPGS Monterey, CA	**Shipping of Telecom, Telemetry, WISS Laboratory equipment**
28.	$929	2000	NPGS Monterey, CA	**Shipping of Telemetry Ground Station, Earth Satellite, and APAN equipment**
29.	$ 16	2000	NPGS Monterey, CA	**Shipping of Data Processing computer laboratories equipment**

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 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: NWAD Corona, CA

Gaining Base	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001 and Beyond
1. NPGS Monterey, CA	0	0	172	172	338	338
Description: Travel						
2. NAWC China Lake, CA	0	113	113	113	113	113
Description: Travel						
3. NPGS Monterey, CA	0	0	1280	1280	2517	2517
Description: Contracting Costs differential between NPGS and NWAD based upon Area Wage Board differential.						
4. NPGS Monterey, CA	0	0	2560	2560	5760	5760
Description: Procurement of technical services for 72 total positions direct work eliminated in Table 1-A. (Calculated as 80% of eliminated direct work based upon a $100K/Manyear rate, or 57.6 Workyears)						
5. NSWC Crane, IN			2000	2000	2000	2000
Description: Procurement of technical services for 25 total positions direct work eliminated in Table 1-A. (Calculated as 80% of eliminated direct work based upon a $100K/Manyear rate, or 20 Workyears)						
6. NSWC Crane, IN			97	97	97	97
Description: Travel						
7. NAWC,China Lake		400	400	400	400	400
Description: Procurement of technical services for 5 total positions direct work eliminated in Table 1-A (calculated as 80% of eliminated direct work based upon a $100K/manyear rate, or 4 workyears)						
8. NAWC, China Lake			27	27	27	27
Description: Contracting cost differential between NAWC and NWAD based upon Area Wage Board differential.						

Add additional lines to worksheet as necessary.

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: NWAD Corona, CA

Gaining Base	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001 and Beyond
1. **NPGS Monterey, CA**						
Description: **None identified**						
2. **NSWC Crane, IN**			**127**	**127**	**139**	**139**
Description: **Contracting costs differential between NSWC Crane and NWAD based upon Area Wage Board determinations.**						
3. **NAWC China Lake, CA**						
Description: **None identified**						
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: **NWAD Corona, CA**

	Annual Cost	FY	Description
1.	**$150**	**2001**	**Maintenance of wetlands and riparian woodlands**

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: **NWAD Corona, CA**

	Annual Savings	FY	Description
1.	**$5**	**2000**	**Decreased maintenance requirements by excessing machines no longer required.**
2.	**$5**	**2001**	**Decreased maintenance requirements by excessing machines no longer required.**

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: **NWAD Corona, CA**

	Revenues	No. of Acres	Rationale
1.	**$0**	**250**	**No revenue expected due to no cost transfer of property to other federal, state, or local government.**

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: **NWAD Corona, CA**

	Cost	FY	One-Time/Recurring	Explanation
1.	**$0**		**None identified.**	

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: **NWAD Corona, CA**

Facility KSF Shutdown: **ALL**

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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: **NWAD Corona, CA**

		1996	1997	1998	1999	2000	2001	Total
a.	One-Time Unique Costs	1762	1762	1762	1762	1762	2550	11360
b.	One-Time Unique Svgs	0	0	0	0	0	0	0
c.	One-Time Move Costs	0	750	2974	0	7689	0	11413
d.	Net Mission Costs	0	513	6649	6649	11252	11252	36315
e.	Net Mission Savings	0	0	127	127	139	139	532
f.	Misc Recur Costs	0	0				. 150	150
g.	Misc Recur Savings	0	0	0	0	5	5	10
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**

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 Complete a separate Enclosure (3) - Gaining Base Questions, as appropriate, for each "gaining" base involved in the closure/realignment scenario. Make additional copies of 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:	**NPGS Monterey, 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 **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: **NPGS Monterey, CA**

	Cost	FY	Location	Description
1.	**$0**		**None Identified**	

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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: **NPGS Monterey, CA**

	Cost	FY	Description
1.	$ 50	1998	Water permit
2.	$ 513	1998	Training of new employees
	$ 496	2000	
3.	$ 25	1998	Lease of phone switch
	$ 25	1999	
	$ 51	2000	
4.	$ 216	1998	Installation of Local Area Networks (LANs)
	$ 442	2000	

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: **NPGS Monterey, CA**

	Cost	FY	Description
1.	$0		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: **NPGS Monterey, CA**

	Cost	FY	Description
1.	**$100**	**1999**	**Environmental impact statement for range.**

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: **NPGS Monterey, CA**

	Annual Cost	FY	Description
1.	**$0**		**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: **NPGS Monterey, CA**

	Annual Savings	FY	Description
1.	**$0**		**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: **NPGS Monterey, CA**

	Cost	No. of Acres	FY	Description
1.	**$0**			**None identified**

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: **NPGS Monterey, CA**								
		1996	1997	1998	1999	2000	2001	Total
a.	One-Time Unique Costs *	0	0	804	25	989	0	1818
b.	One-Time Unique Savings	0	0	0	0	0	0	0
c.	Environ. Mitigation	0	0	0	100	0	0	100
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.

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.

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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: **NPGS Monterey, CA**			
Category (Unit)	New Construction Requirement	Rehabilitation Requirement	Comment
Horizontal (SY)			
Berthing (FB)			
Air Maintenance (SF)			
Other Operations (SF)			
Administrative (SF)		1,820	Based on 14 personnel at 130 sq ft per person.
Training (SF)			
Maintenance (SF)			
Bachelor Quarters (SF)			
Supply/Storage (SF)			
Dining Facilities (SF)			
Personnel Support (SF)			
Communications (SF)			
Ship Maintenance (SF)			
RDT&E (SF)		110,328	Includes Telemetry/ Telecommunications/ Weapons Impact Scoring Set/ APAN Laboratory, SCIF & Level III Strong Room Requirements. See Note (1)
POL Storage (BL)			
Ammo Storage (SF)			
Medical Facilities (SF)			
Environmental	$	$	

Category (Unit)	New Construction Requirement	Rehabilitation Requirement	Comment
Other: -Warfare Assessment Laboratory (WAL)	$12,672	$ 0	48,000 SF Level III, SCIF and secure project space.

NOTE (1): NWAD's Basic Facilities Requirements (BFR) document dated April 1992 carries all of this square footage as RDT&E (NAVFAC category 3xx) space. A percentage of this space is occupied by engineering and non-engineering personnel who are required to be co-located with the engineering functions which they support. Some of this space represents an office-type environment. NWAD relies upon the recent BFR for space requirements and categories.

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 Complete a separate Enclosure (3) - Gaining Base Questions, as appropriate, for each "gaining" base involved in the closure/realignment scenario. Make additional copies of 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 Crane, IN**

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 **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 Crane, IN**

	Cost	FY	Location	Description
1.	**$0**			**None Identified**

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 Crane, IN**

	Cost	FY	Description
1.	**$ 374**	**1998**	**Training of new employees**
2.	**$ 147**	**2000**	**Training of new employees**
3.	**$ 174**	**1998**	**Installation of Local Area Networks (LANs)**
4.	**$ 76**	**2000**	**Installation of LAN.**

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 Crane, IN**

	Cost	FY	Description
1.	**$0**		**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: **NSWC Crane, IN**

	Cost	FY	Description
1.	$ 0		**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: **NSWC Crane, IN**

	Annual Cost	FY	Description
1.	$0		**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: **NSWC Crane, IN**

	Annual Savings	FY	Description
1.	**$0**		**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: **NSWC Crane, IN**

	Cost	No. of Acres	FY	Description
1.	**$0**			**None identified**

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 Crane, IN**								
		1996	1997	1998	1999	2000	2001	Total
a.	One-Time Unique Costs *	0	0	548	0	223	0	771
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.

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.

BRAC-95 SCENARIO DEVELOPMENT DATA CALL
ENCLOSURE (3) - GAINING BASE QUESTIONS

Table 3-B: MILCON Requirements

Gaining Base Name: **NSWC Crane, IN**			
Category (Unit)	New Construction Requirement	Rehabilitation Requirement	Comment
Horizontal (SY)			
Berthing (FB)			
Air Maintenance (SF)			
Other Operations (SF)			
Administrative (SF)		650	Based on 5 personnel at 130 SF per person.
Training (SF)			
Maintenance (SF)			
Bachelor Quarters (SF)			
Supply/Storage (SF)			
Dining Facilities (SF)			
Personnel Support (SF)			
Communications (SF)			
Ship Maintenance (SF)			
RDT&E (SF)		23,390	Available space per NSWC Crane FAX of 13 Dec 94. See Note (1)
POL Storage (BL)			
Ammo Storage (SF)			
Medical Facilities (SF)			
Environmental	$	$	

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BRAC-95 SCENARIO DEVELOPMENT DATA CALL
ENCLOSURE (3) - GAINING BASE QUESTIONS

Category (Unit)	New Construction Requirement	Rehabilitation Requirement	Comment
Other:			
- Environmentally Controlled Storage	$ 0	$ 295	14,760 SF @ $20/SF. See Note (2) (R
- Precision Machining Area	$ 0	$ 240	2,407 SF @ $100/SF. See Note (3)
- Force Machine	$ 500	$ 0	See Note (4)
- Lab Facility (Interface Gage, Metrology Lab) including RDT&E space	$ 3,093	$ 0	30,926 SF @ $100/SF (R

Note (1): NWAD's Basic Facilities Requirements (BFR) document dated April 1992 carries all of this square footage as RDT&E (NAVFAC category 3xx) space. A percentage of this space is occupied by engineering and non-engineering personnel who are required to be co-located with the engineering functions which they support. Some of this space represents an office-type environment. NWAD relies upon the recent BFR for space requirements and categories.

Note (2): 5,000 SF of uncontrolled warehouse space is in the certified response as available. This does not meet the 5,733 SF of additional controlled space requirements provided to the gaining command. (R

Note (3): This area of 2,407 SF is approximately 50% of total machine shop requirements due to elimination of duplicate machine capability.

Note (4): The Force Machine Facility is a required, unique Type I Measurement Standard which is used for Navy mission essential workload. Although it would be more logical to move this machine to the Navy Primary Standards Laboratory (NPSL) at North Island, CA, this scenario does not allow this option. NPSL would also require facilities construction cost to house this machine; therefore, construction cost is site independent and clearly a proper BRAC cost should this scenario be executed.

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 Complete a separate Enclosure (3) - Gaining Base Questions, as appropriate, for each "gaining" base involved in the closure/realignment scenario. Make additional copies of 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 China Lake, 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 **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 China Lake, CA**

	Cost	FY	Location	Description
1.	**$0**			**None Identified**

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: NAWC China Lake, CA

	Cost	FY	Description
1.	$ 233	1997	**Training of new employees**
2.	$ 12	1997	**Telephone system upgrade**
3.	$ 93	1997	**Installation of Local Area Newtorks (LANs)**

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 China Lake, CA

	Cost	FY	Description
1.	$0		**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: **NAWC China Lake, CA**

	Cost	FY	Description
1.	$ 0		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: **NAWC China Lake, CA**

	Annual Cost	FY	Description
1.	$0		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: **NAWC China Lake, CA**

	Annual Savings	FY	Description
1.	**$0**		**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: **NAWC China Lake, CA**

	Cost	No. of Acres	FY	Description
1.	**$0**			**None identified**

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: **NAWC China Lake, CA**

		1996	1997	1998	1999	2000	2001	Total
a.	One-Time Unique Costs *	0	338	0	0	0	0	338
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.

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: **NAWC China Lake, CA**			
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)			
Dining Facilities (SF)			
Personnel Support (SF)			
Communications (SF)			
Ship Maintenance (SF)			
RDT&E (SF)		20,989	See Note (1)
POL Storage (BL)			
Ammo Storage (SF)			
Medical Facilities (SF)			
Environmental	$	$	

Category (Unit)	New Construction Requirement	Rehabilitation Requirement	Comment
Other: - Level III Strong Rooms	$ 0	$ 121	500 SF Level III secure space

NOTE (1): NWAD's Basic Facilities Requirements (BFR) document dated April 1992 carries all of this square footage as RDT&E (NAVFAC category 3xx) space. A percentage of this space is occupied by engineering and non-engineering personnel who are required to be co-located with the engineering functions which they support. Some of this space represents an office-type environment. NWAD relies upon the recent BFR for space requirements and categories.

Document Separator

NWAD Corona Scenario No 3-20-0212-039C

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

NEXT ECHELON LEVEL (if applicable)

R. W. CHAMBLISS
NAME (Please type or print)

RW Chambliss
Signature

Acting Commander
Title

2/12/95
Date

Naval Ordnance Center
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

G. R. STERNER
Commander
Naval Sea Systems Command
NAME (Please type or print)

GR Sterner
Signature

Title

2-17-95
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)

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

WA Earner
Signature

Title

2/22/95
Date

NWAD CORONA SCENARIO NO. 3-20-0212 -039C

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

NEXT ECHELON LEVEL (if applicable)

R. SUTTON RADM, USN
NAME (Please type or print)

Signature

COMMANDER
Title

19 JAN 95
Date

NAVAL ORDNANCE CENTER
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

NAME (Please type or print)

Signature

G. R. STERNER
Title Commander
Naval Sea Systems Command

1.23.95
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)

W. A. EARNER

NAME (Please type or print)

Signature

Title

2/6/95
Date

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

EDWARD G. SCHWIER
NAME (Please type or print)

Edward G. Schwier
Signature

COMMANDING OFFICER
Title

14 February 1995
Date

NWAD Corona, CA
Activity

BRAC-95 DATA CALL 3-20-0212-039C, REVISION

Attachment Two

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

EDWARD G. SCHWIER	Edward G. Schwier
NAME (Please type or print)	Signature
COMMANDING OFFICER	3 JANUARY 1995
Title	Date

NWAD Corona, CA
Activity

SCENARIO NO. 3-20-0212 -039C

Attachment Two

NAVAL WARFARE ASSESSMENT DIVISION

Response to BRAC 95 Scenario Development

Data Call 3-20-0212 -039C

Encl(4)

7-7

BRAC-95 Scenario Development Data Call Tasking

Scenario Number:	3-20-0212-039
Scenario Title:	NWAD Corona

Due Date:	1300 EST, 20 November 1994

Description of Closure/Realignment Scenario

Close NWAD Corona. Move necessary functions to NPGS Monterey

Preparation of a Scenario Development Data Call response for the closure/realignment scenario described above is mandatory. The lead major claimant may submit a separate additional Scenario Development Data Call response, which while not changing the base(s) identified as being closed/realigned, does identify alternative receiving sites. If an additional response is submitted, identify this response as Scenario Number 3-20-0212-039A.

BSAT Points of Contact

Any questions concerning this specific closure/realignment scenario should be addressed to the BSAT Technical Center Team at (703) 681-0491. General questions regarding COBRA or other costing issues should be addressed to Mr. David Wennergren at (703) 681-0466.

Subj: **COBRA SCENARIO DATA CALL RESPONSES (SCENARIO 3-20-0212-039 CLOSE NWAD CORONA; MOVE NECESSARY FUNCTIONS)**

1. Please do the coordination to cost out the following revision to the subject scenario:

a. Move all Measurement Science Functions (less the Test Set Certification RDT&E functions) to NSWC Crane. Verify that the NSWC Crane machine shops can/can not take on the Precision Machine shop work which would preclude the need to move the existing shop.

b. Move the Test Set Certification RDT&E functions to NAWC China Lake

c. Move the Performance Assessment Functions (PA RDT&E, Warfare Assessment Lab, Telemetry/TelComm/WISS/Ground Station) to NPGS Monterey.

d. Move the Quality Assessment functions to NPGS Monterey.

e. Move the Systems Engineering Functions to NAWC China Lake. Is the WISS better located at NAWC China Lake to collocate with the SE functions?

TABLE OF CONTENTS

NWAD CORONA SCENARIO
3-20-0212-039C
FINAL SUBMISSION

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

Activity: 64267 NWAD CORONA

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" columns 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 REDUCTION CHANGES OFF	ENL	CIV	STU	END FY 2001 OFF	ENL	CIV	STU
N64267	NWAD CORONA	COMNAVSEASYS	2	1	902	0	1	0	-105	0	3	1	797	0
N46260	BRANCH MEDICAL CLINIC, NHLB	BUMED	0	0	0 1	0	0	0	0	0	0	0	0 1	0
N62736	NAVAL WEAPONS CENTER CHINA	COMNAVAIRSYSC	0	0	0	0	0	0	0	0	0	0	0	0
N68711	NAVACENGCOM, DIOC	COMNAVFAC	0	0	0 1	0	0	0	0	0	0	0	0 1	0
68689	HRC-NSBC	COMNAVSEASYS	0	0	6 6	0	0	0	0	0	0	0	6 6	0
64267	NWAD CORONA - Pomona	COMNAVSEASYS	0	0	33 33	0	0	0	-3	0	0	0	30	0
N60761	NWSSB	COMNAVSEASYS	0	0	30 36	0	0	0	-1	0	0	0	35	0
60968	PACDIV	COMNAVSEASYS	0	0	9 9	0	0	0	0	0	0	0	9 9	0
N64965	DPS DET POINT MUGU	COMNAVSUPSYS	0	0	0 4	0	0	0	0	0	0	0	0 4	0
X00000	SATO	unknown	0	0	0	0	0	0	0	0	0	0	0	0
		TOTALS:	2	1	992	0	1	0	-109	0	3	1	883	0

Base loading data, and all cost calculations, reflect alignment with the Navy CP-7 budget exhibit in accordance with direction from higher headquarters. The NAVAL WARFARE ASSESSMENT DIVISION's most recent budget submission, historical performance, particularly FY 94 execution, and current funded workload indicate that the CP-7 staffing figures are 10-15 percent lower than will actually be experienced. This means that, unless the work force is artificially constrained, there would be additional personnel, and cost, involved in executing this, and any, scenario.

Edward S. LeClaire

NWAD 106

11/18/94

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-DON	CLOSED?	FY
N 64267	NAWD FIELD OFFICE BEAUFORT	COMNAVSEASYS	BEAUFORT	SC	0	0	4	0	NO	
N 64267	NAWD FIELD OFFICE CECIL FIELD	COMNAVSEASYS	CECIL FIELD	FL	0	0	2	0	NO	
N 64267	NAWC FIELD OFFICE CHERRY	COMNAVSEASYS	CHERRY POINT	NC	0	0	6	0	NO	
N 64267	NAWC FIELD OFFICE EL CENTRO	COMNAVSEASYS	EL CENTRO	CA	0	0	1	0	NO	
N 64267	NAWC FIELD OFFICE KEY WEST	COMNAVSEASYS	KEY WEST	FL	0	0	1	0	NO	
N 64267	NAWC FIELD OFFICE MIRAMAR	COMNAVSEASYS	SAN DIEGO	CA	0	0	1	0	NO	
N 64267	NAWD FIELD OFFICE PUERTO	COMNAVSEASYS	PUERTO RICO	PR	0	0	10	0	NO	
N 64267	NWAD FIELD OFFICE ASN	COMNAVSEASYS	ASECNAV	DC	0	0	1	0	NO	
N 64267	NWAD FIELD OFFICE CRETE	COMNAVSEASYS	CRETE		0	0	1	0	NO	
N 64267	NWAD FIELD OFFICE FALLON	COMNAVSEASYS	FALLON	NV	0	0	11	0	NO	
N 64267	NWAD FIELD OFFICE	COMNAVSEASYS	LAKEHURST	NJ	0	0	1	0	NO	
N 64267	NWAD FIELD OFFICE NORFOLK	COMNAVSEASYS	NORFOLK	VA	0	0	4	0	NO	
N 64267	NWAD FIELD OFFICE OCEANA	COMNAVSEASYS	VIRGINIA BEACH	VA	0	0	3	0	NO	
N 64267	NWAD FIELD OFFICE TUSTIN	COMNAVSEASYS	TUSTIN	CA	0	0	1	0	NO	
N 64267	NWAD FIELD OFFICE YUMA	COMNAVSEASYS	YUMA	AZ	0	0	6	0	NO	
N 64267	NWAD FIELD OFFICE ---	COMNAVSEASYS	JACKSONVILLE		0	0	1	0	NO	
				TOTALS	0	0	54	0		

NWAD 296

11/18/94

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

PART 2: 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 final year in which the area will be closed. For any special use area which will be closed, corresponding numbers of billets/positions must be incorporated both into the "Final 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 account "End of FY 2001" data is used in your response, as well as counting that you do not double count any numbers already shown on Part 1 of this

UIC	NAME	BASE/SITE CLOSURE?	STATE	STATUS	OFF	ENL	CIV	ROT	Base-CLOSED	FY
N60510	NWSC, ENDOUNTER SIMULATION	COMMANDING OFFICER	CA	CA	0	0	5	0	YES	1995
N63510	NWAD CORONA LAB	COMMANDING OFFICER	CA	CA	0	0	0	0	YES	2000

TOTALS: 0 0 5 0

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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 reallocation of the receiving site. Manpower numbers associated with these relocations must then be incorporated into the total "End FY 2001 Activity Population" and the "Estimated 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
X00000	SATO	Unknown	0	0	0	0		
		TOTALS:	0	0	0	0		

ARMY RESERVE CENTER 0 5 0 0

UNKNOWN SEA CADETS 0 0 0 0

N/A AQMD 0 0 0 0

NWAD 4 of 6

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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 this closure action.

Total Facility Square Feet (in thousands): ≈ 512

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.

UIC	NAME	MAJOR CLAIMANT	***** O&M, etc. *****				***** DBOF *****				***** TOTAL *****			
			BPMA MANPAY	BPMA PAY	OMOS MANPAY	OMOS PAY	BPMA MANPAY	BPMA PAY	OMOS MANPAY	OMOS PAY	BPMA MANPAY	BPMA PAY	OMOS MANPAY	OMOS PAY
68787	NWAD CORONA	COMNAVSEASYSCOM	0	0	0	0	1925	732	13295	8213	1925	732	13295	8213
		TOTALS:	0	0	0	0	1925	732	13295	8213	1925	732	13295	8213

1925 732 13295 8213

#5 NOT CHANGED
#5 Rewritten for Legibility

NWAD 5 of 6

11/18/94

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 CONRAVEASYS	TOTAL CONTRACT WORKYEARS	NO. OF WORK-YEARS TO BE TRANSFERRED	NO. OF WORK-YEARS TO BE ELIMINATED	NO. OF WORK-YEARS REMAINING AT ACTIVITY
68287	NWAD CORONA		~~169~~ 169 ★	111	~~15~~ 58	0 ~~15~~
		TOTALS:	~~169~~ 169 ★	111	~~15~~ 58	0 ~~15~~

NUMBERS NOT CHANGED
★ REWRITTEN FOR LEGIBILITY

LOCAL AREA CONTRACTS 262 262 —

431 373 58

NOTE: Data Call #66 response contained only contractor workyears performed on site. Local area contractor workyears total an additional 262 which would also transfer to new location.

NWAD 6.7.6

11/18/94

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.:	**3-20-0212-039C**
Scenario Title:	**Naval Warfare Assessment Division (NWAD), Corona, CA**
Date:	**1300 PST, 30 December 1994**

This directed scenario provides for the closure of NWAD Corona and the movement of functions to: Naval Postgraduate School, Monterey, CA; Naval Air Warfare Center, Weapons Division, China Lake, CA; and the Naval Surface Warfare Center, Crane Division, Crane, IN. The functions and workload distribution to these sites is provided by the following:

FUNCTION & WORKLOAD	SITE
Performance Assessment	NPGS, Monterey
Quality Assessment	NPGS, Monterey
Test System Certification (AIR/SEA)	NAWC-WD, China Lake
Range Systems Engineering and TACTS	NAWC-WD, China Lake
Metrology Engineering	NSWC-CD, Crane
Gage Engineering & Certification	NSWC-CD, Crane

This scenario distributes functions key to independent, **integrated** analysis among 3 sites. It alters the mission of NWAD and its successor organization from the independent and integrated assessment using nine basic engineering capabilities and eliminates the functional synergism of a single independent, integrated assessment activity across all warfare, platform, and weapons system areas. These engineering capabilities are integrally linked for specific systems allowing the life cycle relationships of fleet training, systems performance, material quality and related testing to be examined using a systems approach. Each of these nine engineering capabilities is applied across numerous platforms and systems. This results in two major benefits to the Navy: (1) a consistent application of a discipline uniformally applied across all programs which apply any of the nine engineering capabilities; and (2) programs which apply multiple engineering capabilities receive an aggregate of the lessons from the interrelationships of performance, training, material quality and test and measurement effectiveness to assist in making programmatic decisions and adjusting resources. This distribution also places the NAVAIR, NAVSEA, and other Test System

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

Certification functions within a single NAVAIR organization. Experience has shown that placing independent assessment functions such as Test Systems Certification within an organization affected by the assessments themselves invites the dangers associated with conflict of interest.

[redacted] Subsequent coordination between NWAD, NAVORDCEN, and NAVSEASYSCOM on 14 December 1994, permitted additional staff support not available at the gaining site to be transferred from the losing base, dependent upon the particular scenario. [redacted] In addition, 102 direct funded positions were eliminated to achieve the reduction goal. This was done by identifying currently funded programs for which execution will either cease or be procured after closure from some other source. The need for each of these programs is conveyed annually by the sponsors, and stable funding is projected for their execution in the outyears. NWAD's direct funding has remained relatively stable despite declining Defense budgets, as program managers continue to fund the products we provide.

R

The basis for selecting the programs for which the execution will either cease or be procured after closure was subjective judgment. Validation from specific sponsors could not be included within the time constraints as to whether actual savings will result, or if the work will be reallocated. The following lists the sponsors and workyears for the programs:

PROGRAM	SPONSOR	WORKYEARS
Metrology Type II Standards Calibration Laboratory	Fleet, NAVSEA, NAVAIR, SSP, Other	10
Government-Industry Data Exchange Program (GIDEP)	ASN(RDA)	14
Test Program Set Development	TRIDENT, NAVSEA(04)	11
Defense Acquisition University (DAU)	ASN(RDA)	11
Foreign Military Sales (FMS)	PMS-380, NAVSEA, NAVAIR	36
Systems Engineering Support	NAVSEA, NAVAIR, Other	20
	Total	**102**

* We have confirmed that approximately 50% of the machine shop equipment resident at NWAD would, in fact, not require movement to NSWC Crane. The savings associated with not moving this equipment are reflected in the response below. Additionally, NWAD would be abandoning some of the metrology equipment as excess.

2R 2/14/95

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

The RDT&E space requirements have been verified and the response below is validated as correct and in accordance with NAVFAC guidelines and the Basic Facilites Requirement document.

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:	**John V. Fishell or CDR David Leslie (X0)**
Organization/Code:	**NWAD Corona, CA / Codes MS 00 or CB**
Office Phone Number:	**John V. Fishell (909) 273-5221 or CDR David Leslie (909) 273-4867**
Fax Number:	**John V. Fishell (909) 273-5446 or CDR David Leslie (909) 273-4205**
Home Phone Number:	**John V. Fishell (909) 369-1036 or CDR David Leslie (619) 538-1479**

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 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.

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

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

Losing Base(s)	Gaining Base(s)	Workload/Missions Transferring
NWAD Corona, CA	NPGS Monterey, CA See Note (1)	Performance Assessment Quality Assessment Systems Engineering
NWAD Corona, CA	NSWC Crane, IN See Note (2)	Metrology Engineering Interface Gage Engineering & Certification
NWAD Corona, CA	NAWC China Lake, CA See Note (3)	Test Equipment Certification Range Engineering TACTS

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".

Note (1): **All NWAD Telemetry Field Offices and all but two personnel at Norfolk report to NPGS Monterey, CA.**

Note (2): **Two personnel from NWAD Norfolk Field Office will report to NSWC Crane, IN.**

Note (3): **All TACTS/EW Range Field Offices report to NAWC China Lake, CA.**

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:	**NWAD Corona, CA**

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.

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

Table 2-A: Disposition of Personnel - Detail Data

From **Losing Base: NWAD Corona, CA**

To **Gaining Base: NPGS Monterey, CA**

UIC	Name	Type	1996	1997	1998	1999	2000	2001	Total
64267	**NWAD Corona, CA**	Officer			**2**				**2**
		Enlisted			**1**				**1**
		Civilian			**185**		**179**		**364**
		Mil Stu							
		Officer							
		Enlisted							
		Civilian							
		Mil Stu							
		Officer							
		Enlisted							
		Civilian							
		Mil Stu							
		Officer							
		Enlisted							
		Civilian							
		Mil Stu							
		Officer							
		Enlisted							
		Civilian							
		Mil Stu							
	TOTAL	**Officer**			**2**				**2**
		Enlisted			**1**				**1**
		Civilian			**185**		**179**		**364**
		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-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 bo 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.

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

From **Losing** Base: **NWAD Corona, CA**							
To **Gaining** Base: **NPGS Monterey, CA**							
	1996	1997	1998	1999	2000	2001	Total
Officer Billets			**2**				**2**
Enlisted Billets			**1**				**1**
Civilian Positions			**185**		**179**		**364**
Military Students							
Tons of Mission Equipment			**490**		**474**		**964**
Tons of Support Equipment			**40**		**39**		**79**
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
Mission Equipment for:	
Performance Assessment Work Centers: **Directorate/Advance Technologies Group** **Instrumentation Systems Group** **Fleet Exercise Assessment Group** **AEGIS Systems Group** **Flight Analysis Group** **ASUW/AAW Systems Group**	***Mission essential. Capability not available at receiving site.***

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Type of Equipment/Vehicles	Rationale for Relocating
Quality Assessment Work Centers: **Strategic Weapons** **Quality Engineering** **Readiness Assessment** **Weapons Assessment**	***Mission essential. Capability not available at receiving site.***
System Engineering Work Centers: **Simulation & Modeling Systems** **Software Development and Programming** **Warfare Assessment Laboratory**	***Mission essential. Capability not available at receiving site.***

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

Table 2-A: Disposition of Personnel - Detail Data

From **Losing Base: NWAD Corona, CA**

To Gaining Base: NSWC Crane, IN

UIC	Name	Type	1996	1997	1998	1999	2000	2001	Total
62467	**NWAD Corona CA**	Officer							
		Enlisted							
		Civilian			**135**		**53**		**188**
		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			**135**		**53**		**188**
		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-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 bo 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.

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

From **Losing** Base: **NWAD Corona, CA**

To **Gaining** Base: **NSWC Crane, IN**

	1996	1997	1998	1999	2000	2001	Total
Officer Billets							
Enlisted Billets							
Civilian Positions			135		53		188
Military Students							
Tons of Mission Equipment			166		65		231
Tons of Support Equipment			42				42
Number of Light Vehicles					1		1
Number of Heavy Vehicles					3		3

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
Mission Equipment for:	
Metrology Engineering Work Centers	***Mission essential. Capability not available at receiving site.***
Interface Gage Engineering & Certification Work Centers	***Mission essential. Capability not available at receiving site.***
Types of Vehicles **Light Trucks** **Fork Lifts** **Carts**	***Mission essential. Capability not available at receiving site.***

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

Table 2-A: Disposition of Personnel - Detail Data

From **Losing Base: NWAD Corona, CA**

To Gaining Base: NAWC China Lake, CA

UIC	Name	Type	1996	1997	1998	1999	2000	2001	Total
62467	**NWAD Corona CA**	Officer							
		Enlisted							
		Civilian		**84**					**84**
		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		**84**					**84**
		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-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 bo 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.

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

From **Losing** Base: **NWAD Corona, CA**							
To **Gaining** Base: **NAWC China Lake, CA**							
	1996	1997	1998	1999	2000	2001	Total
Officer Billets							
Enlisted Billets							
Civilian Positions		**84**					**84**
Military Students							
Tons of Mission Equipment		**195**					**195**
Tons of Support Equipment		**19**					**19**
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
Mission Equipment for:	
Test Equipment Certification Work Centers	***Mission essential. Capability not available at receiving site.***
Range Engineering Work Centers	***Mission essential. Capability not available at receiving site.***
TACTS/EW Operations and Management Work Centers	***Mission essential. Capability not available at receiving site.***

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

Table 2-A: Disposition of Personnel - Detail Data

From **Losing Base: NWAD Corona, CA**

To Gaining Base: March Air Force Base

UIC	Name	Type	1996	1997	1998	1999	2000	2001	Total
Various	**Army Reserve Center**	Officer							
		Enlisted	5						5
		Civilian							
		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	5						5
		Civilian							
		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.

Note: Relocation part of BRAC 93

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: NWAD Corona, CA

UIC	Name	Type	1996	1997	1998	1999	2000	2001	Total
64267	NWAD Corona, CA	Officer					1		1
		Enlisted							
		Civilian			64	64	63		191
66965	Defense Printing Service Long Beach, CA	Officer							
		Enlisted							
		Civilian				2	2		4
68968	PACDIV	Officer							
		Enlisted							
		Civilian			3	3	3		9
68689	Human Resource Office NAVSEA	Officer							
		Enlisted							
		Civilian			2	2	2		6
60701	NWS Seal Beach, CA	Officer							
		Enlisted							
		Civilian			10	10	15		35
68711	Naval Facilities Engineering Command	Officer							
		Enlisted							
		Civilian		1					1
46360	Branch Medical Clinic Long Beach Naval Hospital Long Beach, CA	Officer							
		Enlisted							
		Civilian					1		1
	TOTAL	Officer					1		1
		Enlisted							
		Civilian		1	79	81	86		247

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)

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Table 2-D: Manpower Reconciliation Data

	Officers	Enlisted	Civilians	Mil Stu	Total
A. Begin FY 1996:	2	6	992	0	1000
B. Force Structure Changes(+/-):	1	0	-109	0	-108
C. Prior BRAC Changes (+/-):	0	0	0	0	0
D. End FY 2001:	3	6	883	0	892
Moving to (List each Gaining Base):					
1. **NPGS Monterey, CA**	2	1	364	0	367
2. **NSWC Crane, IN**	0	0	188	0	188
3. **NAWC China Lake, CA**	0	0	84	0	84
4. **March AFB, Riverside, CA**	0	5	0	0	5
5.					
6.					
7.					
8.					
9.					
10.					
E. Total Billets/Positions Moving:	2	6	636	0	644
F. Eliminated Billets/Positions:	1	0	247		248
G. Remaining at Losing Base:	0	0	0	0	0
H. Sum of Lines E, F, and G:	3	6	883	0	892

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: **NWAD Corona, CA**							
	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**

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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: NWAD Corona, CA

	Cost	FY	Description
1.	**$2300**	**2001**	**Contract Phase-out cost**
2.	**$ 250**	**2001**	**Facilities (survey, legal fees, and deed transfer costs)**
3.	**$1762**	**1996**	**Transition Team ***
4.	**$1762**	**1997**	**Transition Team ***
5.	**$1762**	**1998**	**Transition Team ***
6.	**$1762**	**1999**	**Transition Team ***
7.	**$1762**	**2000**	**Transition Team ***

*** NOTE: Transition Team is responsible for the management, planning, and coordination of re-location, including: facilities and communications; personnel and functional transfers; equipment transfer/aquisition, and installation. The Transition Team size established as 5% of total personnel moving as per NOC guidance provided.**

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: **NWAD Corona, CA**

	Cost	FY	Description
1.	**$0**		**None identified.**

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: **NWAD Corona, CA**

	Cost	FY	Gaining Base	Description
1.	**$ 25**	**1997**	**NAWC China Lake, CA**	**Off-loading, declassification and and back-up of PCs, peripherals, servers, and workstations**
2.	**$ 93**	**1998**	**NPGS Monterey, CA NSWC Crane, IN**	**Off-loading, declassification and and back-up of PCs, peripherals, servers, and workstations**
3.	**$ 68**	**2000**	**NPGS Monterey, CA NSWC Crane, IN**	**Off-loading, declassification and and back-up of PCs, peripherals, servers, and workstations**

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	Cost	FY	Gaining Base	Description
4.	$ 6	1997	NAWC China Lake, CA	Inventory and packing of classified safes
5.	$ 25	1998	NPGS Monterey, CA NSWC Crane, IN	Inventory and packing of classified safes
6.	$ 14	2000	NPGS Monterey, CA NSWC Crane, IN	Inventory and packing of classified safes
7.	$ 12	1997	NAWC China Lake, CA	Packing, handling, and shipping hazardous materials
8.	$ 48	1998	NPGS Monterey, CA NSWC Crane, IN NAWC China Lake, CA	Packing, handling, and shipping hazardous materials
9.	$ 25	2000	NPGS Monterey, CA NSWC Crane, IN NAWC China Lake, CA	Packing, handling, and shipping hazardous materials
10.	$211	1997	NAWC China Lake, CA	Packing and unpacking downtime for personnel
11.	$804	1998	NPGS Monterey, CA NSWC Crane, IN	Packing and unpacking downtime for personnel
12.	$583	2000	NPGS, Monterey, CA NSWC Crane, IN	Packing and unpacking downtime for personnel
13.	$2088	2000	NSWC Crane, IN	Teardown, packing build-up, and calibrate Gage and Calibration Laboratory equipment
14.	$158	1998	NSWC Crane, IN	Packing of Technical Library
15.	$465	1997	NAWC China Lake, CA	Productivity loss
16.	$1773	1998	NPGS Monterey, CA NSWC Crane, IN	Productivity loss
17.	$1285	2000	NPGS Monterey, CA NSWC Crane, IN	Productivity loss
18.	$ 9	1997	NAWC China Lake, CA	Shipping of CONEX Boxes
19.	$ 36	1998	NPGS Monterey, CA	Shipping of CONEX Boxes
20.	$ 18	2000	NPGS Monterey, CA	Shipping of CONEX Boxes
21.	$ 22	1997	NAWC China Lake, CA	Packing, handling, and shipping of classified materials
22.	$ 22	1998	NPGS Monterey, CA	Packing, handling, and shipping of classified materials
23.	$ 56	2000	NPGS Monterey, CA	Packing, handling, and shipping of classified materials
24.	$1892	2000	NPGS Monterey, CA	Packing and handling of Micro/ Training, Computer Room, WAL, and COMM of equipment

	Cost	FY	Gaining Base	Description
25.	$480	2000	NPGS Monterey, CA	Teardown and build-up of communication switches
26.	$ 15	1998	NPGS Monterey, CA	Shipping of miscellaneous switches
27.	$235	2000	NPGS Monterey, CA	Shipping of Telecom, Telemetry, WISS Laboratory equipment
28.	$929	2000	NPGS Monterey, CA	Shipping of Telemetry Ground Station, Earth Satellite, and APAN equipment
29.	$ 16	2000	NPGS Monterey, CA	Shipping of Data Processing computer laboratories equipment

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 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: NWAD Corona, CA

Gaining Base	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001 and Beyond
1. NPGS Monterey, CA	0	0	172	172	338	338
Description: Travel						
2. NAWC China Lake, CA	0	113	113	113	113	113
Description: Travel						
3. NPGS Monterey, CA	0	0	1280	1280	2517	2517
Description: Contracting Costs differential between NPGS and NWAD based upon Area Wage Board differential.						
4. NPGS Monterey, CA	0	0	2560	2560	5760	5760
Description: Procurement of technical services for 72 total positions direct work eliminated in Table 1-A. (Calculated as 80% of eliminated direct work based upon a $100K/Manyear rate, or 57.6 Workyears)						
5. NSWC Crane, IN			2000	2000	2000	2000
Description: Procurement of technical services for 25 total positions direct work eliminated in Table 1-A. (Calculated as 80% of eliminated direct work based upon a $100K/Manyear rate, or 20 Workyears)						
6. NSWC Crane, IN			97	97	97	97
Description: Travel						
7. NAWC,China Lake		400	400	400	400	400
Description: Procurement of technical services for 5 total positions direct work eliminated in Table 1-A (calculated as 80% of eliminated direct work based upon a $100K/manyear rate, or 4 workyears)						
8. NAWC, China Lake			27	27	27	27
Description: Contracting cost differential between NAWC and NWAD based upon Area Wage Board differential.						

Add additional lines to worksheet as necessary.

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: NWAD Corona, CA

Gaining Base	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001 and Beyond
1. **NPGS Monterey, CA**						
Description: **None identified**						
2. **NSWC Crane, IN**			**127**	**127**	**139**	**139**
Description: **Contracting costs differential between NSWC Crane and NWAD based upon Area Wage Board determinations.**						
3. **NAWC China Lake, CA**						
Description: **None identified**						
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: NWAD Corona, CA

	Annual Cost	FY	Description
1.	**$150**	**2001**	**Maintenance of wetlands and riparian woodlands**

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: NWAD Corona, CA

	Annual Savings	FY	Description
1.	**$5**	**2000**	**Decreased maintenance requirements by excessing machines no longer required.**
2.	**$5**	**2001**	**Decreased maintenance requirements by excessing machines no longer required.**

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: **NWAD Corona, CA**

	Revenues	No. of Acres	Rationale
1.	**$0**	**250**	**No revenue expected due to no cost transfer of property to other federal, state, or local government.**

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: **NWAD Corona, CA**

	Cost	FY	One-Time/Recurring	Explanation
1.	**$0**		**None identified.**	

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: NWAD Corona, CA

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: **NWAD Corona, CA**								
		1996	1997	1998	1999	2000	2001	Total
a.	One-Time Unique Costs	1762	1762	1762	1762	1762	2550	11360
b.	One-Time Unique Svgs	0	0	0	0	0	0	0
c.	One-Time Move Costs	0	750	2974	0	7689	0	11413
d.	Net Mission Costs	0	513	6649	6649	11252	11252	36315
e.	Net Mission Savings	0	0	127	127	139	139	532
f.	Misc Recur Costs	0	0				150	150
g.	Misc Recur Savings	0	0	0	0	5	5	10
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

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 Complete a separate Enclosure (3) - Gaining Base Questions, as appropriate, for each "gaining" base involved in the closure/realignment scenario. Make additional copies of 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:	**NPGS Monterey, 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 **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: **NPGS Monterey, CA**

	Cost	FY	Location	Description
1.	**$0**		**None Identified**	

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: NPGS Monterey, CA

	Cost	FY	Description
1.	$ 50	1998	**Water permit**
2.	$ 513	1998	**Training of new employees**
	$ 496	2000	
3.	$ 25	1998	**Lease of phone switch**
	$ 25	1999	
	$ 51	2000	
4.	$ 216	1998	**Installation of Local Area Networks (LANs)**
	$ 442	2000	

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: NPGS Monterey, CA

	Cost	FY	Description
1.	$0		**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: **NPGS Monterey, CA**

	Cost	FY	Description
1.	**$100**	**1999**	**Environmental impact statement for range.**

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: **NPGS Monterey, CA**

	Annual Cost	FY	Description
1.	**$0**		**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: **NPGS Monterey, CA**

	Annual Savings	FY	Description
1.	**$0**		**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: **NPGS Monterey, CA**

	Cost	No. of Acres	FY	Description
1.	**$0**			**None identified**

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: **NPGS Monterey, CA**								
		1996	1997	1998	1999	2000	2001	Total
a.	One-Time Unique Costs *	0	0	804	25	989	0	1818
b.	One-Time Unique Savings	0	0	0	0	0	0	0
c.	Environ. Mitigation	0	0	0	100	0	0	100
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.

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: **NPGS Monterey, CA**			
Category (Unit)	New Construction Requirement	Rehabilitation Requirement	Comment
Horizontal (SY)			
Berthing (FB)			
Air Maintenance (SF)			
Other Operations (SF)			
Administrative (SF)		1,820	Based on 14 personnel at 130 sq ft per person.
Training (SF)			
Maintenance (SF)			
Bachelor Quarters (SF)			
Supply/Storage (SF)			
Dining Facilities (SF)			
Personnel Support (SF)			
Communications (SF)			
Ship Maintenance (SF)			
RDT&E (SF)		110,328	Includes Telemetry/ Telecommunications/ Weapons Impact Scoring Set/ APAN Laboratory, SCIF & Level III Strong Room Requirements. See Note (1)
POL Storage (BL)			
Ammo Storage (SF)			
Medical Facilities (SF)			
Environmental	$	$	

BRAC-95 SCENARIO DEVELOPMENT DATA CALL
ENCLOSURE (3) - GAINING BASE QUESTIONS

Category (Unit)	New Construction Requirement	Rehabilitation Requirement	Comment
Other: -Warfare Assessment Laboratory (WAL)	$12,672	$ 0	48,000 SF Level III, SCIF and secure project space.

NOTE (1): NWAD's Basic Facilities Requirements (BFR) document dated April 1992 carries all of this square footage as RDT&E (NAVFAC category 3xx) space. A percentage of this space is occupied by engineering and non-engineering personnel who are required to be co-located with the engineering functions which they support. Some of this space represents an office-type environment. NWAD relies upon the recent BFR for space requirements and categories.

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 Complete a separate Enclosure (3) - Gaining Base Questions, as appropriate, for each "gaining" base involved in the closure/realignment scenario. Make additional copies of 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 Crane, IN**

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 **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 Crane, IN**

	Cost	FY	Location	Description
1.	**$0**			**None Identified**

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 Crane, IN

	Cost	FY	Description
1.	**$ 374**	**1998**	**Training of new employees**
2.	**$ 147**	**2000**	**Training of new employees**
3.	**$ 174**	**1998**	**Installation of Local Area Networks (LANs)**
4.	**$ 76**	**2000**	**Installation of LAN.**

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 Crane, IN

	Cost	FY	Description
1.	**$0**		**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: **NSWC Crane, IN**

	Cost	FY	Description
1.	$ 0		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: **NSWC Crane, IN**

	Annual Cost	FY	Description
1.	$0		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: **NSWC Crane, IN**

	Annual Savings	FY	Description
1.	**$0**		**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: **NSWC Crane, IN**

	Cost	No. of Acres	FY	Description
1.	**$0**			**None identified**

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 Crane, IN**								
		1996	1997	1998	1999	2000	2001	Total
a.	One-Time Unique Costs *	0	0	548	0	223	0	771
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.

BRAC-95 SCENARIO DEVELOPMENT DATA CALL
ENCLOSURE (3) - GAINING BASE QUESTIONS

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.

BRAC-95 SCENARIO DEVELOPMENT DATA CALL
ENCLOSURE (3) - GAINING BASE QUESTIONS

Table 3-B: MILCON Requirements

Gaining Base Name: **NSWC Crane, IN**			
Category (Unit)	New Construction Requirement	Rehabilitation Requirement	Comment
Horizontal (SY)			
Berthing (FB)			
Air Maintenance (SF)			
Other Operations (SF)			
Administrative (SF)		650	Based on 5 personnel at 130 SF per person.
Training (SF)			
Maintenance (SF)			
Bachelor Quarters (SF)			
Supply/Storage (SF)			
Dining Facilities (SF)			
Personnel Support (SF)			
Communications (SF)			
Ship Maintenance (SF)			
RDT&E (SF)		23,390	Available space per NSWC Crane FAX of 13 Dec 94. See Note (1)
POL Storage (BL)			
Ammo Storage (SF)			
Medical Facilities (SF)			
Environmental	$	$	

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BRAC-95 SCENARIO DEVELOPMENT DATA CALL
ENCLOSURE (3) - GAINING BASE QUESTIONS

Category (Unit)	New Construction Requirement	Rehabilitation Requirement	Comment
Other:			
- Environmentally Controlled Storage	$ 0	$ 295	14,760 SF @ $20/SF. See Note (2) (R
- Precision Machining Area	$ 0	$ 240	2,407 SF @ $100/SF. See Note (3)
- Force Machine	$ 500	$ 0	See Note (4)
- Lab Facility (Interface Gage, Metrology Lab) including RDT&E space	$ 3,093	$ 0	30,926 SF @ $100/SF (R

Note (1): **NWAD's Basic Facilities Requirements (BFR) document dated April 1992 carries all of this square footage as RDT&E (NAVFAC category 3xx) space. A percentage of this space is occupied by engineering and non-engineering personnel who are required to be co-located with the engineering functions which they support. Some of this space represents an office-type environment. NWAD relies upon the recent BFR for space requirements and categories.**

Note (2): **5,000 SF of uncontrolled warehouse space is in the certified response as available. This does not meet the 5,733 SF of additional controlled space requirements provided to the gaining command.** (R

Note (3): **This area of 2,407 SF is approximately 50% of total machine shop requirements due to elimination of duplicate machine capability.**

Note (4): **The Force Machine Facility is a required, unique Type I Measurement Standard which is used for Navy mission essential workload. Although it would be more logical to move this machine to the Navy Primary Standards Laboratory (NPSL) at North Island, CA, this scenario does not allow this option. NPSL would also require facilities construction cost to house this machine; therefore, construction cost is site independent and clearly a proper BRAC cost should this scenario be executed.**

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 Complete a separate Enclosure (3) - Gaining Base Questions, as appropriate, for each "gaining" base involved in the closure/realignment scenario. Make additional copies of 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 China Lake, 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 **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 China Lake, CA**

	Cost	FY	Location	Description
1.	**$0**		**None Identified**	

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 China Lake, CA

	Cost	FY	Description
1.	$ 233	1997	**Training of new employees**
2.	$ 12	1997	**Telephone system upgrade**
3.	$ 93	1997	**Installation of Local Area Newtorks (LANs)**

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 China Lake, CA

	Cost	FY	Description
1.	$0		**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: **NAWC China Lake, CA**

	Cost	FY	Description
1.	$ 0		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: **NAWC China Lake, CA**

	Annual Cost	FY	Description
1.	$0		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: **NAWC China Lake, CA**

	Annual Savings	FY	Description
1.	**$0**		**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: **NAWC China Lake, CA**

	Cost	No. of Acres	FY	Description
1.	**$0**			**None identified**

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: **NAWC China Lake, CA**								
		1996	1997	1998	1999	2000	2001	Total
a.	One-Time Unique Costs *	0	338	0	0	0	0	338
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.

BRAC-95 SCENARIO DEVELOPMENT DATA CALL
ENCLOSURE (3) - GAINING BASE QUESTIONS

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: **NAWC China Lake, CA**			
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)			
Dining Facilities (SF)			
Personnel Support (SF)			
Communications (SF)			
Ship Maintenance (SF)			
RDT&E (SF)		20,989	See Note (1)
POL Storage (BL)			
Ammo Storage (SF)			
Medical Facilities (SF)			
Environmental	$	$	

Category (Unit)	New Construction Requirement	Rehabilitation Requirement	Comment
Other: - Level III Strong Rooms	$ 0	$ 121	500 SF Level III secure space

NOTE (1): NWAD's Basic Facilities Requirements (BFR) document dated April 1992 carries all of this square footage as RDT&E (NAVFAC category 3xx) space. A percentage of this space is occupied by engineering and non-engineering personnel who are required to be co-located with the engineering functions which they support. Some of this space represents an office-type environment. NWAD relies upon the recent BFR for space requirements and categories.

Document Separator

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.:	3-20-0212-039C
Scenario Title:	NWAD Corona
Date:	1300 EST, 20 November 1994

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:	MATT ANDERSON
Organization/Code:	NAWCWPNS BRAC OFFICE 08E000D
Office Phone Number:	(619)927-1839 DSN 469-1839
Fax Number:	(619)939-0145 DSN 437-0145
Home Phone Number:	(619)446-1658 or (619)375-1419

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
NWAD Corona	NAWCWPNS China Lake	MEASUREMENT SCIENCE - 26 workyears*
NWAD Corona	NAWCWPNS China Lake	PERFORMANCE ASSESSMENT - 10 workyears*
NWAD Corona	NAWCWPNS Point Mugu	PERFORMANCE ASSESSMENT - 45 workyears*
NWAD Corona	NAWCWPNS Point Mugu	QUALITY ASSESSMENT - 3 workyears*
NWAD Corona	NAWCWPNS China Lake	SYSTEMS ENGINEERING - 47 workyears*

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".

*In this scenario, a total of 131 workyears are transferred from NWAD Corona to NAWCWPNS. it is understood that NWAD has reduced these workyears from current levels to reflect savings due to consolidation with work of like nature already being performed at the receiving sites. The allocation of the 131 workyears to the China Lake and Point Mugu sites of NAWCWPNS is as follows:

In the area of MEASUREMENT SCIENCE, 26 workyears of Air Weapons Test Systems Certification are moved to China Lake to synergize with the design and development of Air Weapons Systems and components (i.e. missile seekers and target detecting devices) and the quality engineering process work at that site.

In the area of PERFORMANCE ASSESSMENT, 27 workyears of flight analysis for air-to-air and cruise missiles, and 18 workyears of telemetry and telecommunications engineering work are moved to Point Mugu to synergize with similar work at that site, particularly the satellite ground station and the availability of laboratory space for the telemetry/communications laboratory. Ten workyears relating to the Weapon Impact Scoring Systems are moved to China Lake to be combined with the land range instrumentation work there as well as the benefits from combining all PMA-248 work within a single division at NAWCWPNS.

In the area of QUALITY ASSESSMENT, 3 workyears of Air Weapons Reliability Assessment are moved to Point Mugu since it is closely related to the AWARS program which recently transferred from NWAD Corona to NAWCWPNS Point Mugu.

In the Area of SYSTEMS ENGINEERING, 8 workyears of Tactical Air Combat Training System/Electronic Warfare (TACTS/EW) operations and maintenance contracting functions, and 39 workyears of Navy Tactical Training Range (NTTR) logistics are moved to China Lake to synergize with the TACTS/EW and NTTR work currently done at that site, and to further consolidate work into the Division at NAWCWPNS which has lead responsibility for EW systems for all NTTR programs for PMA-248.

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 Air Warfare Center. Weapons Division. China Lake. 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: NAWCWD,China Lake

	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: NAWCWD,China Lake

	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: NAWCWD,China Lake

	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: NAWCWD,China Lake

	Cost	FY	Description
1.	NONE		

All activity falls under categorical exclusion of previously disturbed areas. No EA or EIS requirement.

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: NAWCWD,China Lake

	Annual Cost	FY	Description
1.	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: NAWCWD,China Lake

	Annual Savings	FY	Description
1.	$3,000	97	Economies of scale resulting from transfer of 83
	$3,000	Each Year Thereafter	work years to NAWCWD, China Lake. Increased direct man years worked decreases the man year rate charged for services resulting in a recurring cost savings to this activity.
2.	$166	97	This savings results from the 5% differential
	$166	Each Year Thereafter	reduction in locality pay between the two sites.

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: NAWCWD,China Lake

	Cost	No. of Acres	FY	Description
1.	NONE			

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: Naval Air Warfare Center. Weapons Division. China Lake. CA								
		1996	1997	1998	1999	2000	2001	Total
a.	One-Time Unique Costs *							
b.	One-Time Unique Savings							
c.	Environ. Mitigation							
d.	Misc. Recurring Costs							
e.	Misc. Recurring Savings **Note 1**		$3,166	$3,166	$3,166	$3,166	$3,166	$15,830 ($3,166 each out year)
f.	Land Purchases							

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

Note 1: Includes $2,440 for economies of scale and $166 for locality pay differential savings.

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: Naval Air Warfare Center, Weapons Division, China Lake, CA			
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)			
Dining Facilities (SF)			
Personnel Support (SF)			
Communications (SF)			
Ship Maintenance (SF)			
RDT&E (SF)		18,675	Rehab cost is 10% of new. see note 1
POL Storage (BL)			
Ammo Storage (SF)			
Medical Facilities (SF)			
Environmental	$ -0-	$ -0-	categorical exclusion. see note 2
Other: (SF) Weapons Impact Scoring System (WISS) Lab		1,605	$150 per/SF for rehab of this space.

Notes for Table 3-B

1. NAWC BFR study of May 1994 indicated that these spaces can be refurbished for approximately 10% of the cost of new construction.

2. All new construction will be accomplished on previously disturbed land and is covered by categorical exclusion; EAs and EISs are not required.

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 Air Wartare Center. Weapons Division. Pt. Mugu, 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: NAWCWD, Pt. Mugu

	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: NAWCWD, Pt. Mugu

	Cost	FY	Location	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: NAWCWD, Pt. Mugu

	Cost	FY	Location	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: NAWCWD, Pt. Mugu

	Cost	FY	Location	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: NAWCWD, Pt. Mugu

	Cost	FY	Location	Description
1.	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: NAWCWD, Point Mugu

	Annual Savings	FY	Description
1.	$1,760	97	Economies of scale resulting from transfer of 48
	$1,760	Each Year Thereafter	work years to NAWCWD, Point Mugu. Increased direct man years worked decreases the man year rate charged for services resulting in a recurring cost savings to this activity.

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: NAWCWD, Pt. Mugu

	Cost	FY	Location	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: Naval Air Warfare Center, Weapons Division, Point Mugu, CA								
		1996	1997	1998	1999	2000	2001	Total
a.	One-Time Unique Costs *							
b.	One-Time Unique Savings							
c.	Environ. Mitigation							
d.	Misc. Recurring Costs							
e.	Misc. Recurring Savings		$1,760	$1,760	$1,760	$1,760	$1,760	$8,800 ($1,760 each out year)
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: Naval Air Warfare Center, Weapons Division, Point Mugu, CA			
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)			
Dining Facilities (SF)			
Personnel Support (SF)			
Communications (SF)			
Ship Maintenance (SF)			
RDT&E (SF)		10,800	Rehab cost is approx $54/SF. see note 1
POL Storage (BL)			
Ammo Storage (SF)			
Medical Facilities (SF)			
Environmental	$ -0-	$ -0-	Categorical exclusion. see note 2
Other: (SF) Telem Lab/Telecom Lab/ APAN Network/ Ground Station		6,588	Rehab costs is approximately $60 per/SF. See note 3.

1. Assumes transfer of 48 workyears to Point Mugu site in FY 97.

2. All new construction will be accomplished on previously disturbed land and is covered by categorical exclusion; EAs and EISs are not required.

3. Sufficient space to accomodate the Telem Lab/Telecom Lab/APAN Network/Ground Station requirements exists at the Point Mugu site.

Document Separator

DEPARTMENT OF THE NAVY
NAVAL WARFARE ASSESSMENT DIVISION
PO BOX 5000
CORONA CA 91718-5000

IN REPLY REFER TO
11000
Ser C/010
19 Jan 95

From: Commanding Officer, Naval Warfare Assessment Division
To: Base Structure Analysis Team
(1) Commander, Naval Ordnance Center
(2) Commander, Naval Sea Systems Command

Subj: BRAC-95 SCENARIO DEVELOPMENT DATA - BSAT QUESTIONS AND NWAD RESPONSES

Ref: (a) BRAC-95 Scenario Development Data Call 3-20-0212-039 of 18 Nov 94
(b) CNO ltr Ser N441C/4U594861 of 27 Oct 94

Encl: (1) Questions and Answers: BSAT (CDR M. Samuels) Memorandum of 26 November 1994
(2) Questions and Answers: Response to PHONCON BSAT CDR M. Samuels/ NWAD J. Fishell of 29 November 1994
(3) Questions and Answers: PHONCON BSAT CDR M. Samuels/NWAD M. Luwe of 30 November 1994
(4) Questions and Answers: BSAT (CDR M. Samuels) Memorandum of 1 December 1994
(5) Questions and Answers: BSAT (CDR M. Samuels) Memorandum of 2 December 1994
(6) Questions and Answers: BSAT (CDR M. Samuels) Memorandum of 8 December 1994
(7) Questions and Answers: BSAT (CDR M. Samuels) Memorandum of 9 December 1994 (15:31)
(8) Questions and Answers: BSAT (CDR M. Samuels Memorandum of 9 December 1994 (19:18)
(9) Questions and Answers: BSAT (CDR M. Samuels) Memorandum of 10 December 1994

1. The Naval Warfare Assessment Division (NWAD) responses to reference (a) resulted in a series of questions from the Base Structure Analysis Team (BSAT) asking for clarification and further information regarding scenario responses. Enclosures (1) through (9) contain these sets of questions along with the corresponding NWAD answers, and are forwarded in accordance with reference (b). My certification applies to all enclosures.

E. G. SCHWIER

QUESTIONS AND ANSWERS
26 NOV 1994

ENCL (1)

Department of the Navy
Base Structure Analysis Team

BSAT

Date: 26 November 1994

From: CDR Mark Samuels
Office: (703) 681-0481
Fax: (703) 756-2174

To: Mr. Jim Logan/Ms. Judith Adtkins
Org: NAVSEASYSCOM
Office: (703) 602-5926/7
Fax: (703) 602-0541

Subj: BRAC-95 SCENARIO DEVELOPMENT DATA CALL TASKING - SCENARIO 3-20-02121-039 (CLOSE NWAD CORONA. MOVE NECESSARY FUNCTIONS TO NPGS MONTEREY)

Attached pages are a complete list of questions that need to be responded to as quickly as possible.

C. HEPLER

R.

M. B. SAMUELS
CDR, CEC, USN

Copt to: NWAD Corona. FAX: (909) 273-4205

TOTAL PAGES 4 (INCLUDING THIS COVER SHEET)

26 November 1994

MEMORANDUM
From: CDR Mark B. Samuels (BSAT)
To: Mr. Jim Logan/Ms. Judith Atkins (NAVSEA)

Subj: COBRA SCENARIO DATA CALL RESPONSES (SCENARIO 3-20-0212-039 CLOSE NWAD CORONA)

1. I have reviewed NAVSEA's response to the NWAD Corona scenario and have some questions that I need to have answered so that I can fully explain it to the BSEC on Monday (11/28/94).

a. Base Loading Data.

(1) Contractor Offsite Workyears. Page 6 of 6 identified 262 contractor workyears that are currently performed offsite but would have to be moved. If this work is performed offsite then why does it have to move? Can more of the work be performed offsite? Can it be performed offsite at the gaining base? Is it technical work or contract administration functions? Please characterize the offsite work.

(2) Manpower Data. The mark-ups for the MANPOWER DATA - HOST TENANTS form indicate that the BEGIN FY 1996 figures for civilians is 992, however line A of Table 2-D Manpower Reconciliation Data form indicates 997 civilians. This five person difference also conflicts with the END FY 2001 totals, line D of Table 2-D, which indicates 897 whereas the MANPOWER DATA form adds up to 892. Please correct or explain this inconsistency.

(3) Detachment Sites. In two major Navy concentration areas you have two Field Offices (Norfolk/Oceana and Jax/Cecil). Why do you need two offices in the same area? Why can't one office satisfy the requirement and eliminate 1-2 billets at each site? If AEGIS Morrestown were closed could that NWAD Field Office billet be eliminated?

b. Losing Base Questions.

(1) Your scenario description indicates that 262 billets were eliminated (164 command staff and support billets plus 98 additional billets (assumed technical)). It also indicates that all of the technical billets that were eliminated did not involve reductions in your core functions (i.e. Performance Assessment, Quality Assessment, Systems Engineering, etc.). What economies could be achieved within these technical areas by consolidation at NPGS. Could economies be achieved by locating as a tenant at some other site, such as Pt Mugu or China Lake, while maintaining the current independent command structure?

(2) Table 2-C indicates that 266 billets were eliminated vice the 262 mentioned

above. Please provide an inventory of the NWAD Corona billets that were eliminated and correct/explain the apparent discrepancy.

(3) Please provide a top level inventory of the 1.39M tons of mission equipment and 0.12 M tons of support equipment listed in Table 2-B. If these capabilities/equipments are not present at the NPGS are they available at any of the other sites considered in 1.b.(1) above? Where else?

(4) Why is there a two year delay in moving any personnel except the Army Reserves? Why can't the moves happen quicker?

(5) Other One-Time Unique Costs.

A - Please provide details and rationale for the Contract termination costs.

B - Please provide details and rationale for the Facilities costs.

C - Transition Team costs should be deleted from Table 2-F, they are automatically calculated within the COBRA algorithm.

(6) One-Time Unique Moving Costs.

A - Packing costs for PC's, peripherals, servers, etc., should be deleted from Table 2-F, they are automatically calculated within the COBRA algorithm.

B - Inventory and packing of classified safes, classified materials, technical libraries, and miscellaneous equipment should be taken out of Table 2-F, they are automatically calculated within the COBRA algorithm.

C - Please provide details of your costs for packing and unpacking downtime for personnel, and Productivity losses.

D - Please provide the difference between these costs (CONEX boxes, computer room equipment, telemetry ground stations, data processing computer lab, etc., and the 1.51M tons of equipment listed in Table 2-B.

E - Please provide a description (with quantities) of the hazardous materials that require shipping.

(7) Net Mission Costs.

A - Provide rational for the increased travel costs.

B - Please provide documentation of wage grade differentials between Corona and Monterey, also provide method of calculation of annual costs.

C - Please provide justification for $190K/Manyear rate for contractor support. Also provide justification and method of calculation for costs.

(8) Misc Recurring Costs. Please provide rationale/requirement for $150K wetlands/woodlands costs. Is this a one-time cost or recurring costs? If it is a recurring cost then why is it not listed under Misc Recurring Savings?

(9) Facility Shutdown. Per the directions for this section, if an activity is being completely closed, then just enter "All" for the Facility KSF Shutdown. You reported 512

which is all the square footage you have based on the Base Loading Data form Part 5. Either this answer should be "All" or your keeping some space open. Please clarify.

c. Gaining Base Questions

(1) Other Unique One-Time Costs.

A - Please explain the need for the water permit cost?

B - Please explain what new employee training is necessary. If all billets are being eliminated or transferred who needs training?

C - Is the phone switch lease cost just for FY 1998-2000 until the communications switch is relocated?

D - LAN: Is this a relocation of your current network? Please explain.

(2) Environmental Mitigation. What are the specific concerns with the WISS/Strafe System Test Range that require an EIS? What was the extent of the EIS done prior to installing the range at the Corona site? Is the new range included in any of the MILCON costs identified in Table 3-B?

(3) Misc Recurring Costs. The support function costs should be taken out of Table 3-A, they are automatically calculated within the COBRA algorithm.

(4) MILCON Requirements.

A - The continuation of Table 3-B of page 3-9 provides estimated dollar amounts rather than square footage requirements. Please provide the square footage requirements for each of these facilities, dollar values based on available engineering estimates should be placed in the comments column. Are the dollar values given based on existing engineered estimates?

B - Have officials at Fort Ord been contacted regarding the alternative you mentioned? FORT ORD?

C - Why do you need all new construction? Have you contacted NPGS to determine what Lab/Supply/Warehouse/Shop square footage they currently have available/underutilized? You need to do so if you haven't already. FORT ORD?

2.. I will be in the office until late tonight and all tomorrow to provide clarification and/or discuss these questions.

R,

M.B. SAMUELS
CDR, CEC, USN

NOV 17 1994

MEMORANDUM

From: Commander, Naval Ordnance Center
To: CDR Mark B. Samuels (BSAT)

Subj: BRAC SCENARIO 3-20-0212-039

Ref: (a) BSAT Memorandum Scenario 3-20-0212-039 dtd 26 Nov 1994

Encl: (1) Naval Warfare Assessment Center Response to BSAT Scenario 3-20-0212-039 Questions of 26 Nov 94
(2) Corrected pages 2-2 and 2-10 to BSAT Scenario 3-20-0212-039 Response
(3) Hazardous Materials Inventory for NWAD

1. Answers to the questions identified in reference (a) are provided in enclosure (1). Enclosures (2) and (3) are submitted in support of enclosure (1).

2. Please advise if additional information or clarification is required.

R. Sutton

Copy to:
NAVSEA 00B
NAVSEA 09X

Naval Warfare Assessment Division
Response to BSAT Scenario 3-20-0212-039
Questions of 26 Nov 94

Paragraph 1a(1):

The contract workyears noted in the response are:

GREAT LOGIC

a. The 169 on-base contract workyears (WY) on Part 7 reflect the response to Data Call 66. The number of workyears remaining at the activity has been reduced to zero and added to the workyears eliminated to reflect this closure scenario.

b. The 262 contract workyears added to Part 7 reflect the mission-essential service contract usage in the local area to support the site, but not performed on base. The nature of the local area off-site work requires close proximity to NWAD to minimize communications and travel costs and to maximize the effectiveness of support. As the work is mission-essential and close proximity is required, the contract workyears are required at the gaining base.

Relocation of on-site workyears to an off-site location, whether in the local area or at the gaining base, is not feasible. The nature of the work (administrative support, information processing, systems operation, transportation, maintenance, etc.) requires on-site performance. The nature of the on-site contract work as reported in Data Call 66 is as follows:

Type

Facilities
Mission Support
Administrative Support
Security/Police
AIS Support

The nature of the local area off-site contract work is as follows:

Analysis Services
Systems Engineering
Software Engineering
Electronic and Mechanical Engineering
Quality Engineering
Metrology Engineering
AIS Security Support
Conference, Workshop, and Training Services
Documentation Services
Data Collection Conversion Services

Automated Data Processing
Data Collection and Distribution
Operation and Maintenance Services
Inventory Control

Paragraph 1a(2):

The 992 civilian end-strength shown on Part 1 correctly reflects the CP-7 data; the 997 civilian figure on line A of Table 2-D is incorrect and should be changed to 992. The subsequent corrections to Tables 2-A and 2-D are provided in the attached revised pages. Five NAWC Weapons Division personnel assigned here but relocating to China Lake by the end of FY 95 were inadvertently included.

Paragraph 1a(3):

In regard to the questions relative to the Norfolk/Oceana and Jax/Cecil field offices, the base loading data, and all cost calculations, reflect realignment with the Navy CP-7 budget exhibit in accordance with direction from higher headquarters. CP-7 shows 1 billet at Jacksonville and 2 billets at Cecil Field, therefore the table was corrected to indicate CP-7. Per CAPT Schwier comment on the first Base Load Data Sheet, CP-7 does not accurately reflect existing conditions. At the present time, two Field Offices are not required as noted. The "Jax/Cecil" Field Offices have been consolidated, with one billet transferred to the NAS Fallon TACTS site. Only NAS Cecil Field currently is staffed and supplies support to both Cecil and Jax.

If "AEGIS Moorestown" were closed, there would be no requirement for the NWAD Field Office billet. However, an NWAD Field Office billet would be required if the "AEGIS Moorestown" function were relocated elsewhere.

As this scenario only affects the reporting relationship of the field sites, not their staffing, no costs or savings are applicable.

Paragraph 1b(1):

The scenario description has a typographical error. The total billets eliminated is 266 vice 262 and 102 additional technical billets vice 98.

The 102 technical positions were eliminated to achieve a savings objective of 30 percent. The eliminated positions and affected programs are part of core workload within the mission of NWAD.

There are no economies that are obvious by relocating the four mission areas of Performance Assessment, Quality Assessment, Measurement Science, and Systems Engineering from NWAD to NPGS

since, in effect, there is no consolidation with functions already being performed at NPGS. We believe that there could, indeed, be some gain in effectiveness as we are able to collaborate in the performance of these mission areas with the faculty, staff and graduate student body at NPGS.

With respect to possible economies achievable by consolidating at a Warfare Center location, Air or Surface, some economies could, and probably would, result in selected areas where similar work was already being performed at the receiving activity. In fact, the effectiveness might even be enhanced if the independent NWAD command structure were maintained. Clearly, no Warfare Center activity would have knowledge across the multitude of weapons, platforms and programs supported by NWAD, but, if the Command structure were retained intact, that would be irrelevant. A more relevant question might be the reverse of what was asked, such as: "What economies would result if the various activities which perform work that is within the assigned mission area of NWAD all consolidated their work from their present performing site to NWAD?" An estimate of that workload is over 500 workyears at some 30 Naval activities, located in the command structure of all of the Warfare Centers, the Naval Ordnance Center, NCCOSC, Fleet, USMC and other activities, all of whom are performing work in the four mission areas cited in the previous paragraph.

If the four primary functional mission areas of the Command were divided among Warfare Centers or other sites, additional losses in effectiveness are expected due reduced synergism among technical disciplines across warfare/platform lines and the resultant loss of the ability to perform integrated assessment of all warfare areas, weapons, and systems.

Paragraph 1b(2):

The Table 2C listing of 266 civilian positions eliminated is correct; see Paragraph 1b(1) response above. The inventory of the NWAD Corona positions eliminated is as follows:

Command Staff and Support	164
Technical Program Support	102
-Metrology Standards Lab (10)	
-Government-Industry Data Exchange Program (14)	
-Test Program Set Development (11)	
-Defense Acquisition University (11)	
-Foreign Military Sales Programs (36)	
-Systems Engineering Support (20)	
Total	266

Paragraph 1b(3):

Mission and support equipment is required over and above the 710 pounds provided by the COBRA model. Due to the highly technical

work associated with each business line and the large amount of classified data processing, storage, and disposal, relocation of the following items is required:

BSAF
THIS INCREASED TO 710 lbs.

Analysis Workstations/Work Centers
PC's, printers, and network hardware
Technical Libraries
Blue Print Machines
Office Shredding Machines
Multiple mini network computers
R&D test equipment
Safes
Film Readers
Drafting Tables
Copiers
etc.

Other Navy locations may have similar equipment but the availability for shared use (esp. for processing of classified data) has not been examined in detail.

Paragraph 1b(4):

The personnel moves to Monterey are timed to coincide with completion of military construction project requirements identified by the gaining base. The move dates shown are the earliest anticipated given normal design, permitting, and construction leadtimes for specialized laboratory facilities. The Army Reserves have planned to move in FY 96 as a result of space becoming available at March AFB due to a BRAC 93 action.

Paragraph 1b(5)A:

It was assumed that the NWAD Engineering and Technical Services Contract (N00123-90-C-0352) would be terminated and re-competed at Monterey. Contract termination costs, as stipulated in this contract, total $2.3M.

Paragraph 1b(5)B:

Facilities costs were included to cover the survey of the property to determine the legal description (Meets & Bounds); the deed transfer costs; and the associated legal fees in disposing of the property. These costs were included because of the ramifications that are associated with the lake (Federal Wetlands), Riparian woodlands and the protection of the migratory birds.

Paragraph 1b(5)C:

Transition team costs were calculated based on the need to plan, coordinate, and execute a move down to the lowest level of the

organization as per Naval Ordnance Center guidance, in that it was assumed that these costs were not calculated within COBRA. If general transition team costs calculated by COBRA include this level of detail, then we concur with their deletion.

Paragraph 1b(6)A:

BSAT Rejected

Packaging of PC's is considered "unique". The Type of packaging costs included in Table 2-B are primarily office furniture and bulk items; i.e. equipment to be loaded on a truck, without any special packing/handling. We included the tonnage of the PC's in Table 2-B, but do not see how the model can calculate or differentiate packing costs for sensitive equipment that requires special handling (PCs), versus bulk items (desks) that are just loaded on a truck. The model does not ask for a breakdown of tonnage by category, nor was one provided. Our estimate came from NWAD's supply department based upon the number of PC's and peripherals. If the COBRA model closely approximates this cost estimate then we would support either the COBRA algorithm or the cost NWAD provided.

Paragraph 1b(6)B:

The nature and classification level of much of our work is such that NWAD has an inordinate amount of classified files above that which would ordinarily be contained at an average facility. Shipping and handling of classified safes would carry additional costs, that the COBRA model would not calculate unless the number of safes/tonnage were provided. Since the data call does not ask for it, it was loaded into one time unique costs. Control of classified information dictates inventory upon exit and upon receipt. If COBRA would include the special costs associated with moving large volumes of classified material, we concur with deletion of this item.

The need for technical libraries is identified in the Paragraph 1b(6)A response. Our technical libraries are located both within our government spaces and at a base contractor facility. Costs for their estimated teardown/buildup are included in our submittal within Table 2B. This NWAD technical library is too voluminous to be maintained entirely on-site at Corona.

BSAT mostly TO CRATE

Miscellaneous equipment exists which is within our existing work spaces that is not appropriate for inclusion within Table 2-B and is not included within our laboratory hardware. The tonnage is not included in Table 2-B and because of its specialized nature was included in Table 2-Fa.

Paragraph 1b(6)C:

Packing and unpacking downtime was figured based upon one week at the losing site and one week at the gaining site. The cost is

calculated as follows:

80 Hours * $31.41/Hour * # People Moving = $1,563K

Productivity loss was figured on a 0.1 manyear per person rate in the year of the move. The cost is calculated as follows:

0.1 Manyear * 1764 Hours/Manyear * $31.41/Hour * # People Moving = $3,446K

Paragraph 1b(6)D:

A total of 84 CONEX boxes ranging in size from 8 Feet by 8 Feet by 20 Feet to 8 Feet by 8 Feet by 40 Feet. We considered these as unique oversized requirements and loaded them into Table 2-Fa. The tonnage on these were not included in Table 2-B.

All additional items (i.e. telemetry ground station, data processing computer lab, etc.) are considered "specialized laboratory equipment" as described in paragraph 2Fc under one time unique moving costs. Cost estimates were made for these items and are listed here vice Table 2-B. Tonnage for these items were not included in Table 2-B.

Paragraph 1b(6)E:

A hazardous material inventory is attached to this submission which identifies these items which must be either moved, disposed of, or re-procured.

Paragraph 1b(7)A:

NWAD made 4,014 trips (excluding those to the Monterey area) to remote destinations and 1,072 trips to local destinations in FY 94. Airline costs increase an average of $107 per destination when leaving from the Monterey airport versus the Ontario airport. Also, considering that current local travel is to destinations to within 200 miles of NWAD, these trips to Southern California would increase an average of $145 per trip due to airfare, rental car, and per diem costs associated from leaving from Monterey. The $585K identified in table 2F(d) were calculated as follows:

4,014 Remote Trips * $107/trip =	$430K
1,072 So.Cal.Trips * $145/trip =	155
Total	$585K

Paragraph 1b(7)B:

The wage grade differential was determined by calculating an average hourly rate for both the Corona and Monterey areas. This was done by averaging the hourly rates for selected job

categories, representing a cross-section of current NWAD contracting requirements, for the Corona and Monterey areas. Wage rates for the selected job categories were obtained from the U.S. Department of Labor Area Wage Determination (AWD) Guidelines. The selected job categories are identified as follows:

Systems Analyst
Computer Operator
Technician
Word Processor.

The calculated average hourly rates were $12.59 for Corona and $17.33 for Monterey, or an hourly differential of $4.74. This figure was then multiplied by the yearly contracting requirements to obtain the figures shown.

Paragraph 1b(7)C:

The number used was $100K per manyear, not $190K per manyear. This is based upon our experience in procuring technical services of this type.

Paragraph 1b(8):

NWAD Corona has 63.5 Acres of Wetlands/Riparian Woodlands (see paragraph 9C of NWAD Data Call 33 for additional detail). Due to the nature of these Federal Wetlands/Riparian Woodlands and the existence of birds and wildlife listed on both the State and Federal Endangered Species lists, this property must be continuously managed and monitored in accordance with applicable laws regardless of whether this activity is open or closed. Therefore, an estimated $150K/Year recurring cost will result since this regulated acreage must be managed and monitored even if the facility is closed. The $150K/year estimate is based on present costs in managing this acreage and does not include the costs of development and up-dating the Endangered Species and Biological Habitat Plan ($50K development plus update costs) and the costs of development and updating the Lake Norconian Management Plan ($200K plus costs of updates and implementation). Both plans are required to be followed under federal law regardless of whether the property is occupied. The cost is listed under recurring cost vice recurring savings because it is a recurring cost that the federal government would continue to realize after the property is vacated by NWAD. It is listed to start in FY2001 after all NWAD personnel and missions would be gone from the site. Only if the federal government releases the Navy from this continuing obligation or if the State of California takes over the land for alternate uses would the $150K/yr become a savings vice a recurring cost.

Ms. Marie to investigate

Paragraph 1b(9):

As the scenario identifies the base as being closed, the entry should have been "All" vice the 512K total base square feet.

Paragraph 1c(1)A:

A complete listing of the NWAD facility requirements were faxed to the NPGS Monterey. NWAD received a certified response which included the water permit requirement as a one-time unique cost if any construction took place at NPGS.

Paragraph 1c(1)B:

The assumption was made, based on historical data for regional moves within Southern California , that 80% of the people in the transferring billets actually would move. Therefore 20% of the billets transferred must be re-filled and new personnel would require training to achieve full performance. A much lower percentage of moves is likely (and factored into COBRA) for major longer distance shifts such as from Corona to Monterey.

Paragraph 1c(1)C:

Yes. The telephone switch lease costs at Monterey are for the period of time between the initial move and NWAD is fully established at NPGS. The existing recently acquired switch at Corona would then be relocated and installed at Monterey.

Paragraph 1c(1)D:

The costs shown are for the installation of the NWAD existing network after the move to Monterey. Moving of the LAN equipment is included in the tonnage figures under moving costs.

Paragraph 1c(2):

The requirements for the Weapons Impact Scoring System range were provided to NPGS Monterey by fax. These requirements included microwave, laser, and other RF frequency emissions. In the NPGS Monterey certified response the EIS was included for environmental mitigation. There was no EIS done prior to installing the range at Corona because at the time there was no requirement for an EIS. The new range **is not** included in any MILCON requirements because it would be set up outdoors at less than MILCON threshold cost.

Paragraph 1c(3):

Discussions with NPGS Monterey indicate that NWAD would have to bring Command administration support as a stand-alone directorate at NPGS Monterey. Since all Command staff was eliminated (see comment under paragraph 1-A), a subset of Command staff was placed back into Miscellaneous Recurring Costs to reflect the

elimination of Command staff but acknowledge the support requirement that NPGS states and the cost of providing this command administrative support.

The delta increase of general support functions for NPGS Monterey which COBRA automatically calculates were not included in the costs shown in Table 3-A to avoid double counting.

Paragraph 1c(4)A:

The dollar estimates of Table 3-B on page 3-9 was provided in accordance with the scenario instructions at page 3-6 for "Other." The square footage of each facility shown on page 3-9 is provided for clarification as follows:

FACILITY	**SQUARE FOOTAGE**
Warfare Assessment Laboratory	48,000
Interface Gage Laboratory	19,300
Metrology Laboratory	3,900
Level III (Strong Room)	25,000
Special Compartmented Intel Facil	1,200
Environmentally Cont Warehouse/ Precision Machine Shop	22,900
Telemetry/Telecom/Weapons Impact Scoring System Laboratory	7,400

The dollar values shown in the New Construction Requirement column are based on recently constructed facilities at NWAD and/or current certified engineering estimates for those facilities.

Paragraph 1c(4)B:

The Naval Warfare Assessment Division has not contacted any Fort Ord official regarding the availability of the space in the basic response to the scenario or Alternative B to the basic scenario. The data concerning the use of Fort Ord facilities was provided by (in their certified response to NWAD's requirements) NPGS Monterey who is currently providing facility support services to the Army for Fort Ord facilities through the final closure date of 1 October 1995. The Superintendent of NPGS believes that, if the Navy indicated a requirement for the suggested space by not later than March 1995, it would probably be granted permission for use of the required facilities. Per our understanding, there is sufficient space available for rehabilitation at Fort Ord to meet NWAD's basic requirements, except for certain labs which would require new construction.

Pargarph 1c(4)C:

The Naval Warfare Assessment Division faxed a detailed listing of

the facilities requirements to the NPGS Monterey. The NPGS certified response indicated there is rehabilitation space available for the 134,900 square feet RDT&E requirement at Fort Ord but did not indicate space available at NPGS. This requirement shown on your copy of the scenario shows "New Construction" at NPGS Monterey proper for lab space. All of the "Other" shown on page 3-9 will require new construction due to the unique requirements of each facility. It is anticipated that NPGS would have sufficient administrative, supply storage, maintenance and training space (approximately 40 KSF) to accomodate NWAD needs without the need of new construction or rehabilitation. Therefore, none is included in Table 3.B.

b. Fill out Billet Comparison table.

See attached.

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

Table 2-D: Manpower Reconciliation Data

	Officers	Enlisted	Civilians	Mil Stu	Total
A. Begin FY 1996:	2	6	992 ~~997~~	0	1000 ~~1005~~
B. Force Structure Changes (+/-):	1	0	-109	0	-108
C. Prior BRAC Changes (+/-):	0	0	0	0	0
D. End FY 2001:	3	6	883 ~~888~~	0	892 ~~897~~
Moving to (List each Gaining Base):					
1. NPGS Monterey, CA	2	1	617 ~~622~~	0	620 ~~625~~
2. Army Reserves Center	0	5	0		5
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
E. Total Billets Positions Moving:	2	6	617 ~~622~~	0	625 ~~630~~
F. Eliminated Billets/Positions:	1	0	266		267
G. Remaining at Losing Base:	0	0	0	0	0
H. Sum of Lines E, F, and G:	3	6	883 ~~888~~	0	892 ~~897~~

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).

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

Table 2-A: Disposition of Personnel - Detail Data

From Losing Base: NWAD Corona, CA

To Gaining Base: NPGS Monterey, CA

UIC	Name	Type	1996	1997	1998	1999	2000	2001	Total
64267	NWAD Corona, CA	Officer			2				2
		Enlisted			1				1
		Civilian			313	192	162		617
		Mil Stu							
		Officer							
		Enlisted							
		Civilian							
		Mil Stu							
		Officer							
		Enlisted							
		Civilian							
		Mil Stu							
		Officer							
		Enlisted							
		Civilian							
		Mil Stu							
		Officer							
		Enlisted							
		Civilian							
		Mil Stu							
	TOTAL	**Officer**			2				2
		Enlisted			1				1
		Civilian			313	192	162		617
		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-B: Disposition of Personnel and Equipment - Summary

From Losing Base: NWAD Corona, CA							
To Gaining Base: NPGS Monterey, CA							
	1996	1997	1998	1999	2000	2001	Total
Officer Billets			2				2
Enlisted Billets			1				1
Civilian Positions			313	142	162		617
Military Students							
Tons of Mission Equipment			702	320	368		1390
Tons of Support Equipment			70	50	20		140
Number of Light Vehicles					1		1
Number of Heavy Vehicles					3		3

BBD 1/23/95

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
Mission Equipment for:	
Measurement Science Work Centers: **Test Systems Assessment** **Metrology Systems Engineering** **Weapon Test Engineering**	*Mission essential. Capability not available at receiving site.*
Performance Assessment Work Centers: **Directorate Advance Technologies Group** **Instrumentation Systems Group** **Fleet Exercise Assessment Group** **AEGIS Systems Group** **Flight Analysis Group** **ASUW/AAW Systems Group**	*Mission essential. Capability not available at receiving site.*

QUESTIONS AND ANSWERS
29 NOV 1994

ENCL (2)

29 Nov 94

From: CDR David Leslie (NWAD, XO)
To: CDR Mark B. Samuels (BSAT)

Subj: BRAC SCENARIO 3-20-0212-039

Ref: (a) PHONCON NWAD (MS 00) J. Fishell/BSAT CDR M. Samuels of 29 Nov 94

Encl: (1) Naval Warfare Assessment Center Response to BSAT Scenario 3-20-0212-039 Clarification of 29 Nov 94

1. Enclosure (1) is clarification to reference (a). Please feel free to contact me if you need additional information at (909) 273-4867 or DSN 933-4867. The FAX number is (909) 273-4205 or DSN 933-4205.

D. LESLIE

Post-It™ brand fax transmittal memo 7671	# of pages ▸ 4
To CDR. MARK SHMUELS	From CDR DAVE LESLIE
Co. BSAT	Co. NWAD/CORONA
Dept.	Phone #
Fax # (703) 756-2174	Fax # (909) 273-4205

Post-It™ brand fax transmittal memo 7671	# of pages ▸ 4
To CLINT HEPLER	From CDR. DAVE LESLIE
Co. NAVORDCEN	Co. NWADIL
Dept.	Phone #
Fax # (301) 743-6090	Fax # (909) 273-4205

NAVAL WARFARE ASSESSMENT CENTER RESPONSE TO BSAT SCENARIO 3-20-0212-039 CLARIFICATION OF 29 NOV 94

PAGE 2-14 One Time Unique Moving Costs

ITEM 12: Teardown, packing, buildup, and recalibration of Gage and Calibration Laboratory equipment

Approximately 30,000 hours (total cost $942K) of specialized labor is required for recalibration, disassembly/reassembly, and packing/unpacking. The equipment that requires moving is large, heavy, specialized and unique to the program. The physical interface gage and optical/dimensional calibration laboratory technicians will be involved in the disassembly/reassembly and recalibration of the laboratory equipment. The physical interface gage program woodworker and material handlers will perform the packing/unpacking of the specialized laboratory equipment and the special interface gages in the warehouse. The physical interface gage program employs three (3) people for shipping, handling, and warehousing of this unique and specialized program equipment.

ITEM 20:

The labor required to pack and ship the computer room, WAL, and Comm equipment is specialized. This equipment includes mainframe computer systems; specialized, expensive work stations; and the satellite downlink site. Total labor cost is $609K.

ITEM 21 and 22:

The labor cost for teardown and buildup of communication switches was provided by the switch vendor. The warranty on the switch requires vendor technicians complete the teardown and buildup. The cost includes vendor technicians full time for three (3) months at a cost of $200/hr. The teardown/buildup costs are less than the purchase of a new switch. Total labor costs associated with this effort are $480,000.

IS THIS INCLUDED?

Enclosure (1)

ITEM 26 and 27:

	Teardown labor	Setup Labor
Telemetry Ground Station	$17,600	$17,600
Telemetry Laboratory	$82,000	$82,000
Telecommunications Lab	$285,000	$288,000
Laboratory ($30K, $30K)		
Earth Station ($200K, $200K)		
LATR ($10K, $10K)		
DCTN ($30K, $30K)		
ISDN/SW ($5K, $5K)		
PMRF Connectivity ($10K, $10K)		
AEGIS Performance Assessment Network (APAN)	$210,000	$270,000
Comm Area ($10K, $20K)		
Computer Room ($200K, $250K)		
Weapons Impact Scoring System (WISS)	$20,100	$42,000

All laboratories contain specialized electronic and computer equipment, along with supporting test equipment, that require specialized disassembly, packaging/handling, and reassembly/check out.

ATTACHMENT 1, Base Loading Data Page 2 of 6:

Detachment Sites. BSAT Memorandum of 26 Nov 94 mentions the NWAD field sites shown for NWAD Field Offices (Norfolk/Oceana), Virginia, and (Jax/Cecil), Florida, and questions, "Why do you need two offices in the same area?" Addressing the Norfolk/Oceana portion of the question, the President's Budget Exhibit CP-7 (by which NWAD's BSAT response to the Scenario 3-20-0212-039 was directed to be constrained) shows the following:

Site	Work years
Norfolk	4
Oceana (Virginia Beach)	3

NORFOLK

* In reality, the Measurement Science (MS) Directorate currently has two engineers on-site at COMNAVSURFLANT/Norfolk providing support for Metrology and Calibration Program, Fleet Gun Barrel Gage Program, Test Equipment Calibration Readiness Assessment Program, and the 2M/ATE Program.

* The Quality Assessment (QA) Directorate also has one representative at COMNAVSURFLANT coordinating the conduct of Combat System Readiness Reviews (CSRR). Data collected from the CSRRs are the primary data source utilized by the Navy's Troubled Systems Process (TSP) which NWAD is tasked to manage for CINCPACFLT and CINCLANTFLT. These functions are distinct, requiring differences in on-site expertise and cannot be combined.

NAS OCEANA

* At NAS Oceana, there are two engineers manning and performing operations and maintenance (O&M) of the NWAD Fleet Telemetry Station. The Oceana engineers monitor, record, and display telemetry data from air-to-air and surface-to-air missiles fired from fighter aircraft (staging out of NAS Oceana) and surface ship combat weapons platforms (sailing out of NAVSTA Norfolk) operating on the Virginia Capes off-coast range complex. In addition, at NAS Oceana, other NWAD personnel are performing O&M contract management functions for the Tactical Aircrew Training Combat Systems (TACTS) site (located at a separate and distinct from the function and equipment location of the NWAD telemetry station).

The Jax/Cecil Field portion was previously answered.

As this scenario only affects the reporting relationship of the field sites, not their staffing, no costs or savings are applicable. Additionally, per CAPT Schwier comment on the first Base Load Data Sheet, CP-7 does not accurately reflect existing conditions.

QUESTIONS AND ANSWERS
30 NOV 1994

ENCL (3)

Forcon between CDR Samuel (BSAT) & M. Lowe – clarification of Monterey scenario – questions to be answered either by phone/writing

TIME: 0800
DATE: 30 Nov 94

Questions from CDR Mark Samuels

1. Table 2A - If the rehab and MILCONs happen earlier, can we move our move dates up by a year? Primarily 2000 to 1999 and 1999 to 1998.

2. What is the definition of Level III Strong Room?

3. Needs a list of itemized equipment under Table Page 2-14 for Tons of Mission Equipment and Support Equipment?

4. Number of forklift. carts. truck - answered.

5. Page 2-14

Number 21 and 22 Communication Switches - Are these contractor or government costs?

Number 26 and 27 - Are these all government or contractor costs? Total labor adds up to $1314K vice the reported $1164. Need to resolve.

6. Page 2-16 - Net Mission costs

Line 2 -- Of the increase in contractor cost due to AWG, do all of these contractor workyears need to transfer, or can you reduce them by 30%?

Line 3 --Of the 98 Procurement Workyears - you show an 80% reduction, can you reduce an additional 10% to bring it in line with the reduction of government personnel.

really a reduction to 80% of currently projected level – 20% reduction

8. Termination cost for contract - Can we keep from cancelling the contract? Do all the contractors have to move, or can we get by with having some stay in Corona and have a few move to Monterey.

9. Page 3-2 - Question on the phone switch costs - could knock off the 2000 costs? Other questions for CDR Leslie.

10. Page 3-2 - LANs

Need breakdown of equipment, wires, etc. what costs make up the line items.

11. Page 3-3 - Support Functions

Questioned the support functions moving up. Need breakdown to what is moving and why. Some of these costs maybe figured by the Cobra model under Base Operating Support.

12. Page 3-8 - RDTE

Define what goes into RDTE costs for facility MILCON requirements?

30 Nov 94

MEMORANDUM

From: CDR D. R. Leslie (NWAD)
To: CDR Mark B. Samuels (BSAT)

Subj: BRAC SCENARIO 3-20-0212-039

Ref: (a) PHONCON between CDR Samuels (BSAT)/Mike Luwe (NWAD) on 30 Nov 94

Encl: (1) Naval Warfare Assessment Division Response to BSAT Scenario 3-20-0212-039 Questions of ~~11~~ 30 Nov 94

1. Answers to the questions identified in reference (a) are provided in enclosure (1). Please feel free to contact me if you need additional information at (909) 273-5567, DSN 933-5567.

D. R. LESLIE
EXECUTIVE OFFICER

TIME: 0800
DATE: 30 Nov 94

Questions from CDR Mark Samuels

1. Table 2A - If the rehab and MILCONs happen earlier, can we move our move dates up by a year? Primarily 2000 to 1999 and 1999 to 1998.

Per direction from NAVORDCEN, a new Table 2-A will not be submitted. Liaison with NPGS indicates that space for refurbishment would be available at the Presidio of Monterey (old Fort Ord). If this is viable option, 313 personnel can be moved in FY 1997. There are some costs associated with accelerating the move, as MILCON will still not be completed until FY 2000.

2. What is the definition of Level III Strong Room?

A level III strong room allows open storage of material up to and including top secret.

3. Needs a list of itemized equipment under Table Page 2-14 for Tons of Mission Equipment and Support Equipment?

See the following pages for tables on Mission and Support Equipment.

TONS OF MISSION EQUIPMENT

DESCRIPTION	MS	PA	QA	SE	TOTAL TONS
Standard Office Equipment	103.0	65.0	75.0	47.0	290.0
Add'l Work Center Equipment	74.0	23.0	24.5	40.0	161.5
PC's	16.6	17.0	13.0	4.1	50.7
Peripherals	6.2	7.3	13.3	1.5	28.3
Workstations/Servers	2.6	5.3	5.0	0.0	12.9
Technical Library	71.5	89.3	153.5	0.0	314.3
Safes	11.6	39.0	19.6	20.0	90.2
GFE*	63.0	24.2	46.5	13.8	147.5
CONEX Boxes	0.0	4.0	8.0	2.0	14.0
Mircocomputer Resource etc.	0.0	0.0	0.0	12.5	12.5
VTC and Satellite Equipment	0.0	0.0	0.0	4.0	4.0
Base-wide Comm Equipment	0.0	0.0	0.0	18.0	18.0
Command and Control Equipment	0.0	0.0	0.0	77.5	77.5
WAL Equipment and Power Sources	0.0	0.0	0.0	171.0	171.0
				TOTAL	**1392.4**

* GFE equipment/items assigned to prime support contractors which include AIS, reprographics, micro-graphics, data entry, office equipment, technical libraries, and source data.

TONS OF SUPPORT EQUIPMENT

DESCRIPTION	SUPPORT	TOTAL TONS
PC's	4.1	4.1
Technical Library	9.4	9.4
GFE*	126.5	126.5
	TOTAL	**140.0**

* GFE equipment/items assigned to prime support contractors which include AIS, reprographics, micro-graphics, data entry, office equipment, technical libraries, and source data.

4. Number of forklifts, carts, truck - answered.

5. Page 2-14

a. Number 21 and 22 Communication Switches - Are these contractor or government costs?

The labor costs associated with the telecommunication switches are all contractor costs.

b. Number 26 and 27 - Are these all government or contractor costs? Total labor adds up to $1314K vice the reported $1164. Need to resolve.

The correct cost figure is $1164. See breakout of contractor versus government cost below.

Item 26. 1998 MOVE

	Sum	CS Labor	Cont Labor	Mat'l	Trucking
1. Telecommunciation Lab					
Tear Down	$38.3	$36.8	$ 0.0	$ 1.5	$ 0.0
Shipping	0.5	0.0	0.0	0.0	0.5
Setup	39.7	39.7	0.0	0.0	0.0
Sub-total	$78.5				
2. Telemetry Lab					
Tear Down	$40.2	$38.2	$ 0.0	$ 2.0	$ 0.0
Shipping	12.5	0.0	0.0	0.0	12.5
Setup	40.2	40.2	0.0	0.0	0.0
Sub-total	$92.9				
3. WISS Laboratory					
Tear Down	$20.1	$19.0	$ 0.0	$ 1.1	$ 0.0
Shipping	3.8	0.0	0.0	0.0	3.8
Setup	40.2	40.2	0.0	0.0	0.0
Sub-total	$64.1				
TOTAL	$235.5				

Item 27. 1999 Move

	Sum	CS Labor	Cont Labor	Mat'l	Trucking
1. Telemetry Ground Station					
Tear Down	$17.6	$ 2.8	$ 14.0	$ 0.8	$ 0.0
Shipping	5.9	0.0	0.0	0.0	5.9
Setup	17.6	17.6	0.0	0.0	0.0
Sub-total	$41.1				
2. Satellite Earth Station					
Tear Down	$200.0	$20.0	$176.0	$ 4.0	$ 0.0
Shipping	6.3	0.0	0.0	0.0	6.3
Setup	200.0	24.0	0.0	0.0	0.0
Sub-total	$406.3				
3. AEGIS Performance Net					
Tear Down	$210.0	$188.0	$ 20.0	$ 2.0	$ 0.0
Shipping	1.4	0.0	0.0	0.0	1.4
Setup	270.0	39.7	0.0	0.0	0.0
Sub-total	$481.4				
TOTAL	$928.8				

6. Page 2-16 - Net Mission costs

Line 2 -- Of the increase in contractor cost due to AWB, can a part of the contractor support continue to be provided from the Norco/Corona area through FY 2000 ? Are contractor admin/support contract costs included? If so, what functions do they perform.

In FY 97, 89 contractor workyears would be essential on-site at NPGS, out of 123. The 34 remaining workyears can remain in Norco/Corona, although they directly support the functions transferring to NPGS. A similar difference (approximately 25%) could be achieved in FY 99. The local area off-site work requires close proximity to the government site conducting the work, since, in nearly every mission area CSS is integrally tied to the government work effort. Current in house/out house allocation of work is approximately 52%/48% exemplfying the close tie between the two efforts. No Command staff, overhead, or part time contractor support was included. The contractor work years used in this worksheet reflect a 30% reduction from actual contractor workyears.

reduction to 80%

7. Line 3 --Of the 98 Procurement Workyears - you show an ~~80% reduction~~, can you reduce an additional 10% to bring it in line with the reduction of government personnel.

As stated in our response in Table 1-A, currently funded programs for which execution would either cease or be procured after closure were identified subjectively. Individual program sponsors would determine if in fact they would cease these functions or reallocate the work elsewhere, either at another government installation or through contracting out the function. Thus figures at either the 80% reduction or at a 70% reduction may not show any actual savings, since the program manager may choose to continue 100% of this work.

8. Termination cost for contract - Can we keep from cancelling the contract? Do all the contractors have to move, or can we get by with having some stay in Corona and have a few move to Monterey.

IS INC

The contractor termination cost identified under Table 2-F is mis-named. It is actual a contract phase-out cost associated with a new contractor assuming the CSS function at the receiving site, necessitating the old contractor to continue work for some time until the new contractor is able to assume all functions. These costs are, in fact, contractually specified.

9. Page 3-2 - LANs: Need breakdown of equipment, wires, etc. what costs make up the line items.

Breakout by Cost Category for Installation of Local Area Networks (LANs)

	COST ESTIMATE (K$)		
Item	Contractor Labor	Mat'ls/Equip	Total
1. Install (e.g. wire-up) base-wide broadline cable plant for 622 people (Used for Asynchronous, Low Datarate Ethernet, & Video Communications)	84.9	56.6	141.5
2. Wire-up 622 people with Category 5 data quality twisted pair cable	90.5	60.3	150.8
3. Install and terminate Fiber Optic cable plant interconnecting buildings (Used for high data rate communications)	112.0	74.7	186.7
4. Deinstall existing equipment at Corona (21 buildings), and reinstall at remote location	120.0	0.0	120.0
5. Install LANs for MS Directorate unique business areas	55.0	35.0	90.0
6. Install LANs for QA Directorate unique business areas	45.0	30.0	75.0
7. Install LANs for PA Directorate unique business areas	35.0	25.0	60.0
8. Install LANs for SE Directorate unique business areas	38.0	15.0 / 30.0*	83.0
TOTALS	580.4	296.6/ 30.0	907.0

---

*Lease (for two years) concentrators, servers, and peripherals associated with SE range instrumentation people connected to the NAVAIR (PMA-248) LAN, connecting headquarters, OPNAV OP889, type commanders, range shore activities, and selected training ranges.

Footnotes:

1. Contractor labor is assumed to cost $60,000 per workyear
2. With the exception of the SE lease cost ($30K) , these costs do not include any new equipment acquisition. Assumes that existing equipment (such as Ethernet Hubs, Fiber Optic Concentrators, Broadband interfaces/muxs/headend/bridges/translators, etc) will move as required to support work at the remote location. In addition, assumes that central network management equipment and hubs are in-place and available for use at the remote location. (If not in-place, estimated annual lease cost is 0.20 x $409,685 = $81,937.)

10. Page 3-3 - Support Functions

Questioned the support functions moving up. Need breakdown to what is moving and why. Some of these costs maybe figured by the COBRA model under Base Operating Support.

NPGS has indicated that they currently have the capacity to support much of the Base operations and Support functions, including Fire Protection and PW at the Fort Ord site. They currently do not have a Security function at the site (provided by Army) but are negotiating to assume it. Based on the size of the NWAD population moving, we believe that 40 billets would be required at NPGS to support NWAD. This includes 9 Admin (OIC, Technical Director, Special Projects Officer, 3 STILO (Scientific Technical Intelligence Liaision Officer) billets, and 3 LAN Administrators; 10 Comptroller billets (NWAD is DBOF, NPGS is not); 7 Personnel billets, 7 PW billets based on increased square footage, and 7 Supply billets.

11. Page 3-8 - RDTE

Define what goes into RDTE costs for facility MILCON requirements?

EXP

All offices and work center equipment that are not included in either a laboratory facility or special security area are included in the RDT&E category facilities. Typically, these areas contain computer equipment (workstations, servers, PC's, and peripheral devices), safes, libraries, data repositories, copy machines, and facsimilie machines in addition to office furniture. Many of these spaces are equipped with cypher locks for access control.

These areas include engineering office spaces for Quality Assessment, Measurement Science, Systems Engineering, and Performance Assessment functions not conducted in the Level III secure facility, laboratories, or WAL.

QUESTIONS AND ANSWERS
1 DEC 1994

ENCL (4)

Department of the Navy
Base Structure Analysis Team

BSAT

1 December
Date: ~~26 November~~ 1994

From: CDR Mark Samuels
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To: Mr. Jim Logan/Ms. Judith Adtkins
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Subj: BRAC-95 SCENARIO DEVELOPMENT DATA CALL TASKING - SCENARIO 3-20-02121-039 (CLOSE NWAD CORONA. MOVE NECESSARY FUNCTIONS TO NPGS MONTEREY)

Attached pages are more questions that need to be responded to as quickly as possible. I will be on the phone this afternoon with CDR Leslie getting discussing these questions directly.

R,

M. B. SAMUELS
CDR, CEC, USN

Copt to: NWAD Corona, FAX: (909) 273-4205

TOTAL PAGES 3 (INCLUDING THIS COVER SHEET)

Subj: **COBRA SCENARIO DATA CALL RESPONSES (SCENARIO 3-20-0212-039 CLOSE NWAD CORONA)**

I need answers on the following question as soon as possible.

1. Explain the productivity losses of 0.1 WKYR/pers. How is it calculated? How many persons each year?

2. Crosswalk one-Time shipping costs and tonnage to facilities/functions (i.e. Table 2-B & 2-

3. What is training of new employees for? How was it calculated?

4. Wage differential documentation

5. Termination cost documentation. Increased costs due to new location.

6. Personnel Support breakout & validation? Why do you need it in every spot?

7. MILCON

a. What is actual base SQFT? Is ESL in the 512K or not? Are there any other areas not in the 512K?

b. What are existing SQFT for the facility functions to be moved?

c. What are the Building X functions at each place? What do we call the building?

d. Why can't the Metrology Lab work be consumed in the existing NI Calibration shops?

e. Why are rehab costs so high for SBch?

f. What was SBch answer on Utilities upgrades?

g. What is the Gage Engineering Lab? Where is that work subsumed?

h. Why is there such a drop in Level III Strong room SQFT for China Lake (Alt A?)

i. What is a Precision Machine Shop? What type of equipment does it produce? How does it differ from what is at a NADEP?

j. Where are the Step II's/1391's for the engineering estimates?

k. Re; response #11, page 7 of NWAD XO 11/30/94 memo - What is an "engineering office space"? What do these people do? What type of equipment is in the space with the workers?

l. What was building number at CBC Pt Hue for WAL?

m. NPGS Environmental guy (Frank Vogl) says they don't need EIS for MW range.

8. MISSION EQUIPMENT (re: NWAD XO 30 November 1994 memo)
   a. All these weights are/are not in Table 2-B?
   b. What is "Add'l work center equipment"?
   c. Describe "VTC and Satellite Equipment"?
   d. What is "Base Wide Comm Equipment"?
   e. What is "Command & Control Equip"?
   f. What is "WAL Equipment & Power Sources"?
   g. What is the same breakout for Table 2-B Mission/Support Equipment costs?

9. One-Time Unique Moving Costs (P 2-13): Let's go through line-by-line to determine:
   a. What each line item it includes.
   b. Tonnage
   c. What it is for (which facility)

10. LAN Costs
   a. Are all LAN costs (teardown, pack, ship, install, etc. included in the cost on page 3-2? $403K, $467K, $37K)
   b. Are there any LAN costs in the Page 2-14 stuff or LAN tonnage in Table 2-B?
   c. Why do you have to lease concentrators, servers,etc., for two years? Does this equipment currently exist at Corona?

11. CONTRACTOR COSTS
   a. Give me some examples of contractor support work (CSS) that requires them to be at the main site?
   b. Do the words "no Command staff, overhead, or part time contractor support was included" mean that all this Ktr work is on direct work functions?
   c. How did you calculate the 30% KTR workyear reduction? What are the numbers?
   d. Re: response #7, page 5 of NWAD XO 30 Nov '94 memo. It has been two weeks since the scenario was prepared, have you had any contact with the program sponsors to determine what functions/workload could in-fact be eliminated without KTR buy back?
   e. If KTR "phase-out costs are incurred over the final life of the contract, then why are the costs charged in FY2001? Please fax the contract documents that indicate this clause.
   f. Where is the area wage differential documentation?

12. SUPPORT FUNCTIONS
   a. Do these costs assume that the Ft Ord option is a go? If so. how do they change if you go to NPGS, are they eliminated?
   b. Fill out Billet Comparison table.

M. B. SAMUELS
CDR, CEC, USN

12/4/94

TO: BSAT / CDR M. SAMUELS

FM: NWAD

RE: RESPONSES TO SCENARIO CLARIFICATION QUESTIONS OF 1 DEC 94

Post-it™ brand fax transmittal memo 7671	# of pages ▸ 41
To BSAT / Cdr Samuels	From NWAD Corona
Co.	Co.
Dept.	Phone #
Fax # (703) 756-2174	Fax #

COBRA SCENARIO
Questions from CDR Samuels on 01 Dec 94

1. Explain the productivity losses of 0.1 workyear/person. How is it calculated? How many people each year?

The productivity loss calculations were previously provided. They are:

Productivity Loss = (0.1) [1764 manhrs/manyr] [$31.41/hr] (# manyrs moving)
= (0.1) [1764] [$31.41] (622)
= $3,446K

The loss is dependent on the number of people moving in that year. Page 2-14 lists productivity losses as:

Year	Cost	# People Moving
1998	$1,734K	313
1999	$ 814	147
2000	$ 898	162

Based upon historical data on past BRAC closures, NAVORDCEN guidance was for us to estimate the annual manpower budget at the losing site each year from FY 96 - until move year, for lost productivity.

Productivity loss is when people are required to physically move away from their families, friends, and environment to a new location. Some will decide to leave NWAD and find another job in the local losing base area. With a lot of personnel going out the door at the losing site, the losing site must continue to conduct business and must hire temporary employees to continue business. With the current "full-time-permanent" hiring freeze in effect, it is difficult to attract qualified personnel who are willing to take a temporary job for one to two years at a losing site. Thus, the quality and productivity of some of the work will suffer. At industrial facilities like NADEPs, this has been a major problem, and has been defined as productivity loss. NAVORDCEN guidance for calculating this was 25% of the personnel remaining at the losing site each year. NWAD anticipates having similar problem, but we believe it would be to a lesser extent. Thus, our estimate was 10% in the year of the move.

2. **Crosswalk one-Time shipping costs and tonnage to facilities/functions (i.e. Table 2-B & 2-F).**

   See attached tables.

3. **What is training of new employees for? How was it calculated?**

   Training is for new employees required at the gaining base for those who do not want to move with their billet. We estimate that 20% will not move. The training costs are calculated as follows:

   WHAT, IF Any of this was INCLUDED?

   Cost of training
   new employee = [20% of employees moved] [25% manyr/training scenario]
   [1764 manhr/manyr][$31.41/hr][# billets moving]
   = (.20) (.25) (1764) ($31.41) (622)
   = $1,723K

   NAVORDCEN guidance to us was "estimate an additional 20% of the increased manpower costs at the gaining site in the year of the move for training/learning curve costs."

   Based upon NWAD's experiences in hiring hundreds of new engineers/professionals over the past ten years, we estimate that new hires will require a minimum of three months (25% of a manyear) lost time to bring an employee up to a minimum contribution level during the training period. This is due to the highly specialized nature of our specialized engineering work. For example, colleges do not prepare graduates to work in the Flight Analysis, Logistics Management, or Metrology Engineering field.

4. **Wage differential documentation.**

   The wage differential documentation is attached. The average wage for Corona is based on actual pay rates for the existing contract. The average wage for Monterey is calculated using the U.S. Dept of Labor Average Wage Determination (AWD) Guidelines for San Francisco as being most representative of the Monterey area.

5. **Termination cost documentation. Increased costs due to new location.**

   The contractor phase out cost is built into the contract itself (see attached). This cost would be paid to the incumbent contractor should he lose a recompete, and funding must be available within the contract to cover this cost. Should the incumbent contractor win the recompete, the phase out cost would not be incurred. We made the assumption in the basic scenario that a new contract would be required at NPGS and that a new contractor would win that contract. The same rationale was used in Scenario A and B.

6. Personnel Support breakout & validation? Why do you need it in every spot?

In the basic scenario certified response from NPGS there were no miscellaneous supporting costs identified. We believed this to be unrealistic and challenged the response, believing that infrastructure support for 622 employees would have to be "bought" from the gaining command and that insufficient capacity in at least same support areas existed. Using our current work year costs (both NWAD command support and "purchased" support from HRO, NAVORDCEN, etc.), we reduced that level to be consistent with the force reduction to achieve an end strength of 622. We then analyzed our requirements to achieve the lowest possible personnel support breakout. Once we had determined this requirement, we asked NPGS if they, in principal, agreed that some support would be required from the NPGS infrastructure and whether they could provide it from current FTE. They agreed that some increases may be necessary, but could not provide specifics numbers or functions. Absent that data, we utilized our own minimum requirements and determined that 28 support billets would be required; 3 transferred from NWAD, (OIC, TD, Special Project Officer), and 25 "purchased" from NPGS (2 STILO, 5 Administration, 5 Comptroller [NWAD is DBOF, NPGS is not], 5 HRO, 4 Supply, and 4 PW based on square footage).

In Scenario A and B we applied similar logic outlined above at all gaining activities and prorated the costs appropriately among them. This is consistent accross all scenarios.

7. MILCON

a. What is actual base SQFT? 512,371 SF

Is ESL in the 512K or not?

Yes, however it is NOT included in NWAD move requirements.

Are there any other areas not in the 512K? No

b. What are existing SQFT for the facility functions to be moved?

See attached table.

c. What are the Building X functions at each place? What do we call the building?

See attached table.

d. Why can't the Metrology Lab work be consumed in the existing NI Calibration shops?

The certified response form NADEP North Island indicated that new construction was required. Follow-up PHONCON between NWAD and NADEP BRAC personnel indicated that facilities personnel at NADEP North Island, and the Navy Type I Lab North Island Director confirmed that a MILCON would be required and that they would stand by their certified data. NADEP/NAS North Island do indicate that this MILCON is based on their requirement to store large numbers of Fleet equipment as a Type I calibration facility. Should this requirement be reduced significantly, then the MILCON decision should be revisited.

e. Why are rehab costs so high for SBch?

NWSSB used rehab costs based on 75% of MILCON cost. Other activities used significantly lower numbers.

f. What was SBch answer on Utilities upgrades?

One original alternate scenario (which was subsequently not formally submitted) was to move NWAD entirely to NWSSB and their certified response required utility upgrades. NWSSB now indicates that, in fact, no utilities upgrades will be required.

g. What is the Gage Engineering Lab? Where is that work subsumed?

The Gage Engineering Laboratory is the same as the Interface Gage Laboratory.

h. Why is there such a drop in Level III Strong room SQFT for China Lake (Alt A)?

NAWC-WD China Lake claims significant square footage of Level III Strong Room space available. Their certified response indicated that, based or our requirements, only 1,000 square feet of space required rehab.

i. What is a Precision Machine Shop? What type of equipment does it produce? How does it differ from what is at a NADEP?

The precision machine shop is located next to the Interface Gage Laboratory and the Gage Warehouse. The workflow process has gages being returned from the customers to the warehouse. Whenever a customer needs another gage, the gage moves from the warehouse to Interface Gage Laboratory for certification. If that gage is out-of-tolerance or broken, it is moved to the precision machine shop for repair. The shop has precision machines that control tolerances within 0.0001 inch. Due to the high precision of the work, varying degrees of temperature and humidity control is required along the workflow process. After the machine shop repairs the gage, the gage is wheeled into the laboratory for recertification prior to shipment to the customer.

The precision machine shop is used to perform repair and modification on the Navy Special Interface Gages. There are approximately 18,000 gages in inventory in the program.

The Special Interface Gage is unique to the Navy, and the tolerances, and unique set of measurements that are required are not found in any other program, including the NADEP machine shops.

Additional question: What is a Force Facility?

The Force Facility was built in the 1960's and is unique to the Navy. It contains three dead weight force machines: 100,000 lbs, 10,000 lbs, and 1,000 lbs each with an accuracy of 0.01%. It also has a 300,000 lbs (20-foot-tall) hydraulic force machine with an accuracy of 0.05%. The facility calibrates precision load cells, proving rings, and special interface gages used at shipyards, Strategic Program (SP) facilities and contractors, and other depot laboratories. The 100,000 lbs force machine has 100,000 lbs of weights, is 30 feet tall, and requires the roof to be taken off the building to calibrate it or move it. For all of scenario moves, our recommendation is to move the facility to the Navy's Type I Primary Laboratory at NADEP North Island.

j. Where are the Step II's/1391's for the engineering estimates?

The WAL DD 1391 (attached) does not indicate actual final building costs. This cost, provided by NAVFAC, was used in our MILCON cost estimates. The NAVFAC letter attached, certifies the Engineering Cost Estimate for the Metrology Lab MILCON, which included the Metrology Lab, Interface Gage Lab, and Calibration Lab. This document was used to define some costs in the scenario response.

k. Re: response #11, page 7 of NWAD XO 11/30/94 memo - What is an engineering office space"? What do these people do? What type of equipment is in the space with the workers?

Engineering office space is used in direct support of research, development, test and evaluation (RDT&E) programs, including: related and interconnected systems integral to weapons and weapons systems' quality, readiness and performance; Fleet and battle group training exercise reconstructions; and metrology and calibration of RDT&E equipment. Typically, these areas contain computer equipment (PCs, workstations, servers and related peripheral equipment), and applicable metrology and calibration systems.

l. What was building number at CBC Pt Hue for WAL?

See attached table.

m. NPGS Environmental guy (Frank Vogl) says they don't need EIS for MW range.

The requirement to prepare an Environmental Impact Study (EIS) for the range function transfer to Monterey was included in the certified data from NPGS to NWAD.

We contacted CDR M. Scholes at NPGS to verify this item, indicating to CDR Scholes that Frank Vogl may have provided conflicting information to BSAT via telephone conversation. CDR Scholes coordinated this question with appropriate resource personnel at NPGS, including Vogl, and called back to confirm the accuracy of the original data submission.

NPGS maintains that an EIS is indeed required.

8. MISSION EQUIPMENT (re: NWAD XO 30 November 1994 memo)

a. All these weights are/are not in Table 2-B?

See the attached table.

b. What is "Add'l work center equipment"?

Additional work center equipment is comprised of furniture, appliances, and other miscellaneous items that are not included in one of the other categories identified in the break-out given previously. For example, the categories for PC's, Peripherals and Workstation/Servers include only the weight of the computer hardware, but the weight of tables or equipment racks associated with this hardware are aggregated in the Additional Work Center Equipment category. Likewise, although the category Technical Library includes the weight of books, notebooks, reports, data products, and other paper materials, the weight of the shelves, bookcases and storage cabinets necessary to house these items are aggregated in the Additional Work Center Equipment category. Additionally, other equipment such as cameras and video equipment, film projectors, copy machines, fax machines, microfiche readers, film coder, wallboard -- including copy boards-- and a myriad of other miscellaneous smaller items that are not counted among the other categories, are included in this category.

c. Describe "VTC and Satellite Equipment".

NWAD has a secure (Top Secret) Video Teleconferencing Center (VTC) and its associated Satellite Equipment needed to communicate real-time with other activities. The VTC equipment consists of KG-194 (with power supply), STU-IIIR/DSS-1, high resolution scanner, decommutator, power conditioner, power supplies and equipment racks, PCs and fax stations, VCR, projectors and camera, speakers, large TV monitors, large screen displays, control panel, large VTC table, desk, and chairs. The Satellite Equipment consists of the antenna, converter and necessary cabling.

d. What is "Base Wide Comm Equipment"?

Base Wide Communication Equipment consists of servers and concentrators for 21 buildings and the main control facility.

e. What is "Command & Control Equip"?

Command & Control Equipment consists of central computer equipment and 17,500 9 inch data storage tapes requiring special magnetic protection and associated storage cabinetry.

f. What is "WAL Equipment & Power Sources"?

Warfare Assessment Laboratory (WAL) Equipment includes general equipment in the WAL, projectors, large screen displays and support equipment. Power Sources consisting of two 600 KVS UPS, weighing 8,000 lbs each and one 1,200 KVA diesel generator weighing 10,000 lbs and 242 heavy emergency batteries with the total weight of 9,680 lbs, all associated with the WAL.

g. What is the same breakout for Table 2-B Mission/Support Equipment costs?

Support Equipments listed in "TONS OF SUPPORT EQUIPMENT" of NWAD XO 30 Nov 94 memo consists of miscellaneous ADP equipment, (i.e. 76 PC's , 7 workstations, 46 printers/plotters), Command Library (occupying 645 square feet consisting of books, files periodicals, & other information), and related support equipment (microfiche, computers, etc.), and GFE utilized by contractor personnel to support across-breadth-of-Command direct functions. Specifically this equipment includes reprographics, micrographics, data entry hardware, and office equipment.

9. One-Time Unique Moving Costs (P 2-13): Let's go through line-by-line to determine:

a. What each line item it includes.
b. Tonnage.
c. What it is for (which facility).

The following table delineates if shipping costs for the items listed in section **c. One-Time Unique Moving Costs** are included in Table 2-B.

Item	Description	Tons	Shipping Costs Included in Table 2-B
1-3	PCs/Workstations	60	Yes
4-5	Safes	70	Yes
6-8	HAZMAT	4	No
9-11	Downtime	N/A	N/A
12	Gage Equipment	1100	No
13-14	Technical Library	314.3	Yes
15-17	Productivity Loss	N/A	N/A
18	CONEX Boxes	152	No
19	Open Classified Storage	41	Yes
20	WAL	171	Yes
21-22	Communication Switches	31	No

23-25	Miscellaneous Equipment	*	Yes
26	TELCOM/TM/WISS	430.8	No
27	Ground Station	17.5	No
28	Data Proc. Comp. Lab	6.2	No

* Included in item 20.

This information will be provided for each of the items listed in section **c. One-Time Unique Moving Costs** as follows:

Items 1-3 - Packing and materials for PCs, peripherals, servers, and workstations equipment.

NWAD performs a significant amount of classified data processing and analysis using workstations, PCs, and other ADP resources. Classified data stored on these ADP systems must be off-loaded onto removable media and all non-removable media declassified in accordance with ADP security guidelines. In addition, all mission critical files (sensitive unclassified) are backed up onto removable media and the systems packed for shipment. These costs are included as they are over and above those calculated within the COBRA model standard office space calculations. This equipment is used to support the measurement science, performance assessment, quality assessment, and system engineering work centers. Total weight of this equipment is identified as follows:

Description	**Total Tons**
PCs	50.7
Peripherals	28.3
Workstations/Servers	12.9
Total	91.9

Item 4-5 - Inventory and packing of classified safes.

NWAD has a significant amount of confidential and secret material which is currently stored in COMSEC approved safes. These costs are for the inventory and packing of material stored within the safes. Total weight of classified safe storage is 90.2 Tons. This equipment is used to support the measurement science, performance assessment, and quality assessment work centers.

Items 6-8 - Packing, handling, and shipping hazardous materials.

A detailed list of these hazardous materials was provided as an attachment to the memorandum submitted by Mr. John Fishell to CDR Mark Samuels of BSAT on 26 Nov 94. A brief list of these hazardous materials is provided as follows:

Photographic Supplies	Painting Supplies
Mercury	Compressed Gasses
Petroleum Supplies	Insecticides
Corrosion Preventatives	Freon
Inorganic Compounds	Battery Acid

Total hazardous material weight is 4 Tons. This equipment is used to support the measurement science, performance assessment, and quality assessment work centers.

Item 9-11 - Packing and unpacking downtime for personnel.

This figure is estimated by taking the number of personnel transferring to NPGS Monterey (622 from Table 2-D) as being unavailable for mission related work for 80 hours (2 weeks) due to packing and unpacking of their standard office equipment. Total standard office equipment weight is 290 Tons. Standard office equipment is used to support all work centers.

Item 12 - Teardown, packing, build-up, and calibrate Gage and Calibration Laboratory Equipment.

This cost provides for the teardown, packing, build-up, calibration, and shipping of equipment associated with the Navy's Interface Gage Laboratory and the Optical/Dimensional Type II Calibration Laboratory. These tasks are explained as follows:

Teardown	Includes the teardown costs of the unique measurement and support equipment associated with the Navy's Interface Gage Laboratory and the Optical/Dimensional Type II Calibration Laboratory.
Packing	Includes the packing costs of the unique measurement and support equipment associated with the Navy's Interface Gage Laboratory and the Optical/Dimensional Type II Calibration Laboratory.
Build-up	Includes the build-up costs of the unique measurement and support equipment associated with the Navy's Interface Gage Laboratory and the Optical/Dimensional Type II Calibration Laboratory upon arrival at the gaining base.
Calibration	Includes the calibration costs of the unique measurement and support equipment associated with the Navy's Interface Gage Laboratory and the Optical/Dimensional Type II Calibration Laboratory upon arrival at the gaining base.
Shipping	Includes the shipping costs of the unique measurement and support equipment associated with the Navy's Interface Gage Laboratory and the Optical/Dimensional Type II Calibration Laboratory.

Total tonnage of equipment associated with the unique measurement and support equipment associated with the Navy's Interface Gage Laboratory and the Optical/Dimensional Type II Calibration Laboratory is 1100 Tons. This tonnage was not included in Table 2-B.

Item 13-14 - Packing of the Technical Library.

The technical library contains documentation required for mission critical work performed within the measurement science, performance assessment, systems engineering, and quality assessment work centers. Total weight of the Technical Library is 314.3 Tons.

Item 15-17 - Productivity Loss

See question 1.

Item 18 - Shipping of CONEX Boxes

Shipping costs include the cost of CONEX enclosures and their respective contents. The total weight is 152 Tons. These items are used to support the measurement science, performance assessment, quality assessment, and system engineering work centers. Shipping costs for the CONEX boxes, which would be moved by low-boy trucks, were obtained from MTMC.

This item does not include the 14 Ton CONEX requirement identified in Table 2-B.

Item 19 - Packing, handling, and shipping of classified materials

NWAD has a significant amount of open confidential material which is secured using a strongroom environment. This material includes technical documentation, reports, and digital tapes. These classified documents must be inventoried, packed, and secured within approved containers for shipment to the gaining activity. Shipping costs for the open classified material are included in Table 2-B. Total weight of open classified material is 41 Tons and included within the Technical Library section of Table 2-B.

Item 20 - Packing, handling, and shipping of Micro Training, Computer Room, WAL, and COMM equipment.

This item includes the inventory, de-installation, packing, un-packing, and installation of the Warfare Assessment Laboratory (WAL) instrumentation systems and equipment. This equipment is made up of hardware which is integrated together through over 60 miles of fiber optic cable (including special security filtering) to support weapons/combat systems analysis, fleet exercise reconstruction, briefings, and conferences. Special handling is required, which is not included within the COBRA model, in order to be transported to the gaining activity. The total weight of this equipment is identified as follows:

Description	Total Tons
Microcomputer Resource	12.5
VTC and Satellite Equipment	4.0
Base-wide COMM equipment	18.0

Command and Control Equipment	77.5
WAL Equipment and Power Sources	171.0
Total	283.0

This equipment is used to support the measurement science, performance assessment, and quality assessment work centers.

Items 21-22 - Teardown and build-up of communication switches.

These are the contractor supplied costs required for the de-installation and re-installation of telecommunications switches currently installed at the Corona and Pomona sites. Total weight is 31 Tons. These switches support all Command functions. Moving of the existing switches, vice the purchase of new switches, was determined to be more cost effective.

Items 23-25 - Shipping of miscellaneous equipment.

These items include support equipment required for the Warfare Assessment Laboratory and are included within item 20. They will be deleted in subsequent changes to our scenario inputs.

Item 26 - Shipping of Telcom, Telemetry, WISS Laboratories equipment.

This item includes the inventory, de-installation, packing, shipping, un-packing, and installation of instrumentation systems and equipment. This equipment is made up of hardware which is integrated together to meet specialized instrumentation requirements within the telecommunication, telemetry, and Weapons Impact Scoring System (WISS) laboratories. The WISS range requires special measurement and triangulation procedures to ensure it is properly installed. Special handling is required, which is not included within the COBRA model, in order to be transported to the gaining activity. Total weight of this equipment is 431 Tons. This equipment is used to support the performance assessment work center.

Item 27 - Shipping of Telemetry Ground Station, Earth Satellite, and APAN equipment.

This item includes the inventory, de-installation, packing, shipping, un-packing, site preparation, and installation of the telemetry ground station, satellite earth station, and AEGIS performance assessment network instrumentation systems and equipment. This equipment is made up of commercial off-the-shelf hardware which is integrated together as a system to process real time and previously recorded telemetry data. Real time data is supported using network hardware which is connected to various world wide locations. A satellite earth station, which includes an 11 Meter parabolic dish, is also required to support real time data transfers between NWAD Corona and the Atlantic Fleet Weapons Training

Facility, Roosevelt Roads Naval Station, PR. Special handling is required, which is not included within the COBRA model, in order to be transported to the gaining activity. Total weight of this equipment is 32.5 Tons. This equipment is used to support the performance assessment work center.

Item 28 - Shipping of Data Processing computer laboratories equipment.

Costs include teardown, packaging, shipping, reassembly, and checkout of two computer data processing centers: one for AEGIS Combat System Performance Assessment; one for missile flight analysis. Tear down labor includes OEM contract support materials and labor. Shipping is based on special air-ride trucks. Reassembly is included in contract cost. Equipment weight is not included in table 2B.

10. LAN Costs

a. Are all LAN costs (teardown, pack, ship, install, etc.) included in the cost on page 3-2? ($403K, $467K, $37K)

No. We affirm the LAN costs reported on page 3-2 are for one-time unique costs dealing with de-installing and re-installing the various LANs. The packing and shipping costs were kept separate from installation costs. (See 10.b answer below.)

b. Are there any LAN costs in the Page 2-14 stuff or LAN tonnage in Table 2-B?

Yes. The shipping costs for LANs are included in Table 2-B (LAN installation costs are not).

c. Why do you have to lease concentrators, servers, etc, for two years? Does this equipment currently exist at Corona?

NAVAIR (PMA-248) currently funds range instrumentation logistics functions (SE 40) and PA 10's range instrumentation hardware development, production, test, and installation of both Fleet Telemetry (TLM) station and NTTR range datacomm and datalink projects, as well as operations and maintenance functions for the TLM stations manned by PA 10 field personnel. The SE 50 division provides contract operations and maintenance functions, centrally managed at Corona, who are required to be on the PMA-248 LAN to communicate with NAVAIR, Type Commanders and the various TACTS/EW ranges manned by SE 50 field personnel. The SE 40/50 Corona based personnel will be among the first group of NWAD personnel to relocate. The PA 10 personnel will remain behind to support perform the above tasks, plus to support the WAL telemetry and communications equipment and will retain the existing PMA-248 LAN and equipment. The SE 40/50 personnel moving up-front will need to lease new LAN equipment until the PA 10 contingent relocates upon completion of WAL construction approximately two years later. This LAN equipment currently exists at Corona. The capability to maintain electronic mail contact with

other activities, OPNAV, Headquarters and type commander sponsors, our field sites and related projects between gaining and losing activities. Cost of this temporary parallel capability is a legitimate BRAC change.

11. CONTRACTOR COSTS

a. Give me some examples of contractor support work (CSS) that requires them to be at the main site?

Examples of Contractor Support Work (CSS) that requires them to be on-site include:

- Measurement Science Technical Library
- Computer Center Operations
- Office Automation Operations/Help Desk
- Micro-Computer Maintenance
- Network Installation and Maintenance
- Computer Training Center
- Hardware/software Configuration Management

Our on-site contractor operates the Measurement Science Technical Library. They file, retrieve, and deliver technical documentation to our working engineers. Instrument Calibration Procedures (ICPs), engineering jackets for test equipment, and history file for ICPs, and many other technical documents unique to our program are housed in the library. In order to provide quick response to our Fleet customer, we need immediate access to this information. Waiting 2-3 days for these items to be mailed to us is not acceptable.

Other efforts, by their very nature, are required on-site since the related resources, e.g. Computer Operator Centers and Computer Training Center, are located on-site. The same would be true at the receiving site, that is, such resources would be located on-site. Additionally, the contractors operate and maintain the equipment in the Computer Center, maintain software configuration control for our analysis tools, and conduct all hardware/software training.

The contractor also operates and maintains the Computer Center, the Satellite Ground Station, and the AEGIS computer systems. They also provide nearly all technical maintenance of the LAN/WAN that supports the Command as a whole.

b. Do the words "no Command staff, overhead, or part-time contractor support was included" mean that all this KTR work is on direct work functions?

All contractor support work reflected in this scenario is direct work and/or indirect work in support of the line departments. For example, the work associated with TLM and TELCOMM hardware operation and maintenance is indirect work that supports the direct work of missile flight analysis.

c. How did you calculate the 30% KTR workyear reduction? What are the numbers?

In assessing our response on contractor workyears in the 30 November memorandum to the BSAT, we discovered that the data used did not correctly map into the Base Loading Data. Subsequent review indicates that the Net Mission Costs provided maybe in error and new data will be submitted. – now attached

d. Re: response #7, page 5 of NWAD XO 30 Nov '94 memo. It has been two weeks since the scenario was prepared, have you had any contact with the program sponsors to determine what functions/workload could in-fact be eliminated without KTR buy back?

We have not contacted any sponsors. As this is only a scenario for a potential action, informing a sponsor whose work we had subjectively determined would no longer be done by NWAD employees would be inappropriate. However, in building our FY 1995 through FY 2001 budget we contacted each individual sponsor to determine the level of funding they were prepared to support through the FYDP. The sponsors of those programs which we subjectively selected had all indicated budgetary support for the programs through the FYDP at or exceeding the FTE levels utilized in the basic scenario.

e. If KTR "phase-out costs are incurred over the final life of the contract, then why are the costs charged in FY2001? Please fax the contract documents that indicate this clause.

The documentation requested is attached as an enclosure. The phase out costs are costs associated with the transition from the current contractor to a new contractor. These costs would be incurred in the first year of the new contract. Assuming the final year of the existing contract would be FY 2000, the phase out costs would be accrued in FY 2001.

f. Where is the area wage differential documentation?

See attached.

12. SUPPORT FUNCTIONS

a. Do these costs assume that the Ft Ord option is a go? If so, how do they change if you go to NPGS, are they eliminated?

The costs provided for support functions do not assume the Fort Ord option is either feasible or necessary. As related in question 6, the support function numbers and costs are based on our perceived gaining site requirements. These costs would not change significantly from NPGS to Ft. Ord.

how is this so?

2. CONTRACT (Proc. Inst. Ident.) NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE R
N00123-90-C-0352	SEE BLOCK 20C	N6070189PE04092

5. ISSUED BY — CODE N00123

Naval Regional Contracting Center Detachment
Long Beach, CA 90822-5095

R. JENNINGS L222G (213)547- 7881

6. ADMINISTERED BY (If other than item 5)

DCASMA Phoenix
The Monroe School
215 North 7th St.
Phoenix, AZ 85034-1012
PAS:

7. NAME AND ADDRESS OF CONTRACTOR (No., street, city, county, State and ZIP Code)

DynCorp
Applied Technology Operations
8500 Menaul NE, Suite A321
Albuquerque, NM 87112

DUPLICATE ORIGINAL

8. DELIVERY
☐ FOB ORIGIN

9. DISCOUNT FOR PRC
NOT APPLIC

10 SUBMIT INVOICES (4 copies unless otherwise specified) TO THE ADDRESS SHOWN IN ( )

CODE 61073 FACILITY CODE

11. SHIP TO/MARK FOR — CODE
NOT APPLICABLE

12. PAYMENT WILL BE MADE BY
DCASR Dallas
1200 Main St.
Dallas, TX 75202-4399
C:

13. AUTHORITY FOR USING OTHER THAN FULL AND OPEN COMPETITION:
☐ 10 U.S.C. 2304(c)( ) ☐ 41 U.S.C. 253(c)( )

14. ACCOUNTING AND APPROPRIATION DATA
SEE SECTION G - ACCOUNTING AND

15A. ITEM NO	15B. SUPPLIES/SERVICES	15C. QUANTITY	15D. UNIT	15E. UNIT PR
	THIS CONTRACT N00123-90-C-0352 INCORPORATES SOLICITATION N00123-89-R-0662 CORRESPONDING ATTACHMENTS BY REFENCE. DYNCORP'S ORIGINAL PROPOSAL DATED 2 AND THEIR BEST AND FINAL OFFER DATED 16 MARCH 1990 IS ALSO INCORPORATED BY MADE A PART OF THIS CONTRACT.			

ESTIMATED COST PLUS AWARD FEES (ITEMS 0001, 0002, 0012 & 0013) TOTAL AMOUNT OF CONTRA

16. TABLE OF CONTENTS

(X)	SEC	DESCRIPTION	PAGE(S)	(X)	SEC	DESCRIPTION
		PART I — THE SCHEDULE				PART II — CONTRACT CLAUSE
X	A	SOLICITATION/CONTRACT FORM	1	X	I	CONTRACT CLAUSES
X	B	SUPPLIES OR SERVICES AND PRICES/COSTS	2			PART III — LIST OF DOCUMENTS, EXHIBITS AN
X	C	DESCRIPTION/SPECS /WORK STATEMENT	5	X	J	LIST OF ATTACHMENTS
X	D	PACKAGING AND MARKING	7			PART IV — REPRESENTATIONS AND INS
X	E	INSPECTION AND ACCEPTANCE	8		K	REPRESENTATIONS, CERTIFICATIONS OTHER STATEMENTS OF OFFERORS
X	F	DELIVERIES OR PERFORMANCE	9			
X	G	CONTRACT ADMINISTRATION DATA	10		L	INSTRS., CONDS., AND NOTICES TO OF
X	H	SPECIAL CONTRACT REQUIREMENTS	14		M	EVALUATION FACTORS FOR AWARD

L222G:csg #0064C

CONTRACTING OFFICER WILL COMPLETE ITEM 17 OR 18 AS APPLICABLE

17. ☒ CONTRACTOR'S NEGOTIATED AGREEMENT (Contractor is required to sign this document and return 2 copies to issuing office.) Contractor agrees to furnish and deliver all items or perform all the services set forth or otherwise identified above and on any continuation sheets for the consideration stated herein. The rights and obligations of the parties to this contract shall be subject to and governed by the following documents: (a) this award/contract, (b) the solicitation, if any, and (c) such provisions, representations, certifications, and specifications, as are attached or incorporated by reference herein. (Attachments are listed herein.)

18. ☐ AWARD (Contractor is not required to sign this document.) Your offer on Solicitation Number _____ including the additions or changes made by you which are set forth in full above, is hereby accepted as to the items listed above and on any continuation sheets. This award consummates the contract which consists of the following documents: (a) the Government's solicitation and your offer, and (b) this award/contract. No further contractual document is necessary.

*Incorporated herein by reference

19A. NAME AND TITLE OF SIGNER (Type or print)
J. H. MATHERLY
ASSISTANT SECRETARY

20A. NAME OF CONTRACTING OFFICER
GAYLE C. WALKER

19B. NAME OF CONTRACTOR
BY _____ (Signature of person authorized to sign)

19C. DATE SIGNED
15 JUNE 1990

20B. UNITED STATES OF AMERICA
BY _____ (Signature of Contracting Officer)

NSN 7540-01-152-8064 26-107 STANDARD F Prescribed by G FAR (48 CFR

#0664C

SECTION B - SUPPLIES OR SERVICES AND PRICES

ITEM	DESCRIPTION
0001	Engineering, Technical, Operational and Ancillary Services in Support of the Naval Weapons Station, Seal Beach and its components for the period of 1 August 1990 through 30 September 1990 (Basic Contract period)
0002	Data in accordance with Contract Data Requirements List, DD Form 1423 (NSP), in support of Item 0001
0003	Engineering, Technical, Operational and Ancillary Services in support of the Naval Weapons Station, Seal Beach and its components for the period of 1 October 1990 through 30 September 1991 (Option Year I)
0004	Data in accordance with Contract Data Requirements List, DD Form 1423 (NSP) in support of Item 0003.
0005	Engineering, Technical, Operational and Ancillary Services in Support of the Naval Weapons Station, Seal Beach and its components for the period of 1 October 1991 through 30 September 1992 (Option Year II).
0006	Data in accordance with Contract Data Requirements List, DD Form 1423 (NSP), in support of Item 0005.
0007	Engineering, Technical, Operational and Ancillary Services in Support of the Naval Weapons Station, Seal Beach and its components for the period of 1 October 1992 through 30 September 1993 (Option Year III).
0008	Data in accordance with Contract Data Requirements List, DD Form 1423 (NSP), in support of Item 0007.
0009	Engineering, Technical, Operational and Ancillary Services in Support of the Naval Weapons Station, Seal Beach and its components for the period of 1 October 1993 through 30 September 1994 (Option Year IV).
0010	Data in accordance with Contract Data Requirements List, DD Form 1423 (NSP) in support of Item 0009.
0011	Contract Phase-Out Option
0012	Thirty day Phase-in for the period of 1 July 1990 through 31 July 1990
0013	Data in accordance with Contract Data Requirements List, DD Form 1423 (NSP) in support of Item 0012.

ESTIMATED COST PLUS FEES (BASIC CONTRACT PERIOD - ITEMS 0001 & 0002)

Estimated Cost	$3,783,650.00
Fixed Fee	-0-
Maximum possible award fee	$378,365.00
Estimated cost plus fees	$4,162,015.00

ESTIMATED COST PLUS FEES (OPTION YEAR I - ITEMS 0003 & 0004)

Estimated Cost	$23,260,860.00
Fixed Fee	-0-
Maximum possible award fee	$2,326,086.00
Estimated cost plus fees	$25,586,946.00

ESTIMATED COST PLUS FEES (OPTION YEAR II - ITEMS 0005 & 0006)

Estimated Cost	$23,963,145.00
Fixed Fee	-0-
Maximum possible award fee	$2,396,314.00
Estimated cost plus fees	$26,359,459.00

ESTIMATED COST PLUS FEES (OPTION YEAR III - ITEMS 0007 & 0008)

Estimated Cost	$24,600,235.00
Fixed Fee	-0-
Maximum possible award fee	$2,460,023.00
Estimated cost plus fees	$27,060,258.00

ESTIMATED COST PLUS FEES (OPTION YEAR IV - ITEMS 0009 & 0010)

Estimated Cost	$25,306,666.00
Fixed Fee	-0-
Maximum possible award fee	$2,530,667.00
Estimated cost plus fees	$27,837,333.00

ESTIMATED COST PLUS FEES (CONTRACT PHASE-OUT OPTION (ITEM 0011))

Estimated Cost	$2,128,448.00
Fixed Fee	$127,707.00
Maximum possible award fee	-0-
Estimated cost plus fees	$2,256,155.00

QUESTION 2, 8

12/4/94
7 03 PM

NWAD Corona Equipment Tonnage & Moving Cost

Facility	Current		Basic Scenario		Alt A		Alt B		Cross Reference to Tables		
	Tons	Move $	Tons	Move $	Tons	Move $	Tons	Move $	Basic	Alt A	Alt B
Building X RDTE (Corona)											
Building X RDTE (NPGS)			1120	COBRA			863	COBRA	2B		2B
Building X RDTE (ChL)					202	COBRA				2B	
Building X RDTE (PtM)					53	COBRA				2B	
Building X RDTE (PtH)					590	COBRA				2B	
Building X RDTE (NI)					275	COBRA	181	COBRA		2B	2B
Building X RDTE (SBch)							76	COBRA			2B
WAL (Corona)											
WAL (NPGS)			171	COBRA			171	COBRA	2B		2B
WAL (PtH)					171	COBRA				2B	
Metrology Engr Lab (Corona)	16										
Metrology Engr Lab (NPGS)			16	Note 1	16	Note 1					
Metrology Engr Lab (NI)							16	Note 1			
Level III Strong Rooms (Corona)											
Level III Strong Rooms (NPGS)			98	COBRA			98	COBRA	2B		2B
Level III Strong Rooms (PtM)					28	COBRA				2B	
Level III Strong Rooms (PtH)					70	COBRA				2B	
SCIF (non-WAL) (Corona)											
SCIF (non-WAL) (NPGS)			1	COBRA			1	COBRA	2B		2B
SCIF (non-WAL) (PtH)					1	COBRA				2B	
Interface Gage Lab / Environmentally Controlled Warehouse / Precision Machine Shop (Corona)	1100										
Interface Gage Lab / Environmentally Controlled Warehouse / Precision Machine Shop (NPGS)			1100	1,315,000					2Fc Item 12		
Interface Gage Lab / Environmentally Controlled Warehouse / Precision Machine Shop (SBch)					1100	1,315,000	1100	1,315,000		2Fc Item 16	2Fc Item 10
TM/TelComm Lab (Corona)											
TM/TelComm Lab (NPGS)			334	172,000			334	172,000	2Fc Item 26		2Fc Item 21
TM/TelComm Lab (PtM)					334	162,000				2Fc Item 29	
TM Ground Station (Corona)											
TM Ground Station (NPGS)			18	523,000			18	523,000	2Fc Item 27		2Fc Item 22
TM Ground Station (PtH)					18	517,000				2Fc Item 30	
WISS Engr Lab (Corona)											
WISS Engr Lab (NPGS)			97	64,000			97	64,000	2Fc Item 26		2Fc Item 21
WISS Engr Lab (ChL)					97	61,000				2Fc Item 28	
Force Machine Facility (Pomona)	65			Note 2 below							
Force Machine Facility (NI)			65	175,000	65	175,000	65	175,000	-	2Fc Item 15	2Fc Item 9
Satellite Earth Sta (Corona)											
Satellite Earth Sta (NPGS)			15	406,000			15	406,000	2Fc Item 27		2Fc Item 22
Satellite Earth Sta (PhD)					15	402,000				2Fc Item 30	
Other 1-Time Move Cost (Tbl 2Fc) Note 3				8,521,000		7,601,000		8,256,000	2Fc	2Fc	2Fc
COBRA TOTAL			1390	Note 4	1390	Note 4	1390	Note 4	2B	2B	2B
Non-COBRA TOTAL			1628	2,480,000	1628	2,632,600	1628	2,655,000	2Fc	2Fc	2Fc
TOTAL Note 5			3018	11,001,000	3018	10,233,000	3018	10,911,000	2Fc	2Fc	2Fc

Note 1 Inadvertently left out of the Table 2Fc item list for one-time unique moving costs

Note 2 Did not cost out this one-time unique move item for the Basic Scenario only

Note 3 Includes one-time unique labor and material cost associated with the Table 2Fc equipment

Note 4 All of the tons in the COBRA total are included in Table 2B, the moving cost is calculated by the model The Non-COBRA total includes shipping cost for equipment tons not included in Table 2B

Note 5 Includes tons for all Table 2B and Table 2Fc items, but not COBRA model moving cost

QUESTION 4, II F

	Average Wage differential: Corona vs Monterey				
	Corona			Monterey	
			Hrs/	Weekly	
	S/Hr		Week	Earnings	S/Hr
Programmer	15.5		40	819	20.475
Systems Analyst I	11.5		40	793	19.825
Systems Analyst II	16.5		40	949	23.725
Computer Operator II	10.92		40	487	12.175
Computer Operator III	13.25		40	555	13.875
Technician III	13.39		40	742	18.55
Word Processor II	8.78		40	538	13.45
Word Processor III	10.88		40	663	16.575
	100.72				138.65
Average=	12.59			Average=	17.33125
Corona vs Monterey average salary differential=					4.74125

Table A-3. All establishments: Weekly hours and earnings of clerical occupations, San Francisco, CA, March 1993 — Continued

Occupation and level	Number of workers	Average weekly hours[1] (standard)	Weekly earnings (in dollars)[2]			Percent of workers receiving straight-time weekly earnings (in dollars) of—																			
			Mean	Median	Middle range	Under 250	250 and under 275	275 - 300	300 - 325	325 - 350	350 - 375	375 - 400	400 - 425	425 - 450	450 - 475	475 - 500	500 - 550	550 - 600	600 - 650	650 - 700	700 - 750	750 - 800	800 - 850	850 - 900	900 and over
Level V	336	39.8	$777	$779	$696 - $855	-	-	-	-	-	-	-	-	-	-	-	1	2	12	12	15	19	10	22	8
Private industry	316	39.8	774	779	694 - 855	-	-	-	-	-	-	-	-	-	-	-	1	3	12	12	16	19	5	23	8
Service producing	211	39.8	775	712	657 - 789	-	-	-	-	-	-	-	-	-	-	-	1	4	18	18	23	15	6	7	7
Switchboard Operator-Receptionists	1,184	39.1	421	422	368 - 462	-	1	1	6	11	9	7	17	12	18	4	10	4	1	-	-	-	-	-	-
Private industry	1,174	39.1	423	422	367 - 462	-	1	1	6	11	8	7	17	12	18	4	10	3	1	-	-	-	-	-	-
Goods producing	165	39.7	419	403	382 - 444	-	-	-	1	16	7	9	39	5	4	1	18	1	-	-	-	-	-	-	-
Manufacturing	154	39.7	418	403	380 - 444	-	-	-	1	17	7	8	39	5	5	1	19	-	-	-	-	-	-	-	-
Service producing	1,009	39.2	423	427	365 - 462	-	1	1	7	10	9	7	14	13	20	4	9	4	1	-	-	-	-	-	-
Word Processors																									
Level II	503	39.4	538	535	461 - 570	-	-	-	1	(3)	-	1	4	13	10	14	19	18	5	10	4	1	1	1	-
Private industry	382	39.3	562	570	497 - 617	-	-	-	2	1	-	1	2	12	6	2	20	25	6	14	5	1	1	1	-
Service producing	354	39.3	561	570	494 - 650	-	-	-	2	1	-	1	3	13	6	2	20	25	6	14	5	1	1	1	-
Level III	211	38.3	661	657	610 - 702	-	-	-	-	-	-	-	-	(3)	-	-	4	11	23	37	16	6	2	2	-
Private industry	219	38.2	658	658	621 - 704	-	-	-	-	-	-	-	-	(3)	-	-	3	11	21	39	17	6	2	2	-
Service producing	215	38.1	669	660	621 - 710	-	-	-	-	-	-	-	-	(3)	-	-	3	11	20	40	17	6	2	2	-

[1] Standard hours reflect the workweek for which employees receive their regular straight-time salaries (exclusive of pay for overtime at regular and/or premium rates), and the earnings correspond to these weekly hours.

[2] Excludes premium pay for overtime and for work on weekends, holidays, and late shifts. Also excluded are performance bonuses and lump-sum payments of the type negotiated in the auto and aerospace industries, as well as profit-sharing payments, attendance bonuses, Christmas or year-end bonuses, and other nonproduction bonuses. Pay increases, but not bonuses, under cost-of-living clauses, and incentive payments, however, are included. See Appendix A for definitions and methods used to compute means, medians, and middle ranges.

[3] Less than 0.5 percent.

NOTE: Because of rounding, sums of individual intervals may not equal 100 percent. Dashes indicate that no data were reported or that data did not meet publication criteria. Overall occupation or occupational levels may include data for categories not shown separately.

Table A-1. All establishments: Weekly hours and earnings of professional and administrative occupations, San Francisco, CA, March 1993 — Continued

Occupation and level	Number of workers	Average weekly hours[1] (Standard)	Weekly earnings (in dollars)[2] Mean	Median	Middle range	Percent of workers receiving straight-time weekly earnings (in dollars) of— Under 450	450 and under 500	500 - 550	550 - 600	600 - 650	650 - 700	700 - 750	750 - 800	800 - 850	850 - 900	900 - 1000	1000 - 1100	1100 - 1200	1200 - 1300	1300 - 1400	1400 - 1600	1600 - 1800	1800 - 2000	2000 - 2200	2200 - 2400	2400 and over
Level VI	402	40.0	$1,506	$1,507	$1,357 - $1,616	-	-	-	-	-	-	-	-	-	-	-	-	1	18	11	42	21	7	(3)	-	-
Private industry	361	40.0	1,533	1,521	1,419 - 1,616	-	-	-	-	-	-	-	-	-	-	-	-	1	10	12	47	23	8	(3)	-	-
Service producing	329	40.0	1,538	1,529	1,436 - 1,616	-	-	-	-	-	-	-	-	-	-	-	-	1	6	12	50	24	6	(3)	-	-
State and local government	41	39.9	1,294	1,272	1,260 - 1,272	-	-	-	-	-	-	-	-	-	-	-	-	2	00	2	-	5	-	-	-	-
Level VII	122	40.0	1,764	1,750	1,653 - 1,874	-	-	-	-	-	-	-	-	-	-	-	-	-	7	13	43	20	15	2	-	
Private industry	115	40.0	1,786	1,762	1,669 - 1,895	-	-	-	-	-	-	-	-	-	-	-	-	-	2	14	45	21	16	3	-	
Service producing	113	40.0	1,789	1,764	1,676 - 1,895	-	-	-	-	-	-	-	-	-	-	-	-	-	2	13	45	21	16	3	-	
Administrative Occupations																										
Budget Analysts																										
Level III	74	39.5	798	-	-	-	-	-	1	7	3	3	8	23	24	23	7	1	-	-	-	-	-	-	-	-
Private industry	60	39.4	789	-	-	-	-	-	2	8	2	2	8	27	27	18	7	-	-	-	-	-	-	-	-	-
Buyers/Contracting Specialists																										
Level I	149	37.5	509	528	455 - 540	*13	26	38	15	6	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Private industry	145	37.5	507	528	455 - 538	14	27	37	15	5	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Level II	309	38.0	676	672	595 - 724	-	1	5	23	8	32	10	8	3	8	2	-	-	-	-	-	-	-	-	-	-
Private industry	266	37.8	654	672	593 - 672	-	1	6	27	9	35	10	6	1	3	1	-	-	-	-	-	-	-	-	-	-
Service producing	135	39.6	649	622	592 - 720	-	2	14	30	12	10	14	11	1	4	1	-	-	-	-	-	-	-	-	-	-
State and local government	43	39.4	812	829	732 - 886	-	-	-	-	-	14	12	16	14	40	5	-	-	-	-	-	-	-	-	-	-
Level III	126	39.6	851	868	782 - 922	-	-	-	-	1	10	3	23	11	16	31	4	1	-	-	-	-	-	-	-	-
Private industry	101	39.5	843	868	777 - 922	-	-	-	-	1	12	2	24	10	17	34	-	1	-	-	-	-	-	-	-	-
Service producing	52	39.9	858	-	- - -	-	-	-	-	-	4	4	21	15	19	35	-	2	-	-	-	-	-	-	-	-
State and local government	25	39.0	884	-	- - -	-	-	-	-	-	4	8	20	16	12	20	20	-	-	-	-	-	-	-	-	-
Level IV	73	40.0	1,014	-	- - -	-	-	-	-	-	-	-	-	1	5	11	42	23	12	3	1	-	-	-	-	-
Private industry	68	40.0	1,017	-	- - -	-	-	-	-	-	-	-	-	1	6	10	41	24	13	3	1	-	-	-	-	-
Service producing	56	40.0	1,014	-	- - -	-	-	-	-	-	-	-	-	2	5	5	48	23	16	-	-	-	-	-	-	-
Computer Programmers																										
Level II	214	39.4	684	647	618 - 763	-	3	4	12	34	7	14	10	4	12	(3)	-	-	-	-	-	-	-	-	-	-
Private industry	157	39.1	655	644	612 - 711	-	4	1	15	43	10	10	11	5	-	1	-	-	-	-	-	-	-	-	-	-
Service producing	141	39.0	648	644	607 - 690	-	5	1	16	45	11	11	6	4	-	1	-	-	-	-	-	-	-	-	-	-
State and local government	57	40.0	762	787	705 - 878	-	-	11	4	9	-	23	9	2	44	-	-	-	-	-	-	-	-	-	-	-
Level III	515	39.7	819	808	724 - 887	-	-	-	-	7	12	13	17	14	14	11	12	-	-	-	-	-	-	-	-	-
Private industry	407	39.8	797	785	724 - 862	-	-	-	-	4	14	15	20	17	15	10	4	-	-	-	-	-	-	-	-	
Service producing	279	39.7	769	752	694 - 838	-	-	-	-	6	21	20	18	14	11	7	3	-	-	-	-	-	-	-	-	
State and local government	108	39.5	901	928	769 - 1,068	-	-	-	-	16	4	5	6	4	8	15	44	-	-	-	-	-	-	-	-	

See footnotes at end of table.

Table A-1. All establishments: Weekly hours and earnings of professional and administrative occupations, San Francisco, CA, March 1993 — Continued

Occupation and level	Number of workers	Average weekly hours[1] (standard)	Weekly earnings (in dollars)[2] Mean	Median	Middle range	Percent of workers receiving straight-time weekly earnings (in dollars) of— Under 450	450 and under 500	500 - 550	550 - 600	600 - 650	650 - 700	700 - 750	750 - 800	800 - 850	850 - 900	900 - 1000	1000 - 1100	1100 - 1200	1200 - 1300	1300 - 1400	1400 - 1600	1600 - 1800	1800 - 2000	2000 - 2200	2200 - 2400	2400 and over
Computer Systems Analysts																									
Level I:																									
Service producing	212	39.2	$801	$793	$697 - $890	-	-	(3)	3	9	13	10	12	13	9	15	9	-	-	-	-	-	-	-	-
State and local government	12	40.0	925	-	- - -	-	-	-	-	-	-	-	17	25	-	8	50	-	-	-	-	-	-	-	-
Level II	1,024	39.5	980	949	882 - 1,049	-	-	-	-	-	1	2	0	8	14	35	20	11	1	1	(3)	-	-	-	-
Private industry	787	39.5	981	962	911 - 1,058	-	-	-	-	-	(3)	1	3	5	12	40	24	11	2	1	(3)	-	-	-	-
Goods producing	186	39.9	1,030	986	911 - 1,148	-	-	-	-	-	1	1	2	4	4	42	13	21	8	4	1	-	-	-	-
Manufacturing	183	39.9	1,034	991	911 - 1,148	-	-	-	-	-	1	1	1	4	3	42	13	21	9	4	1	-	-	-	-
Service producing	621	39.4	968	959	901 - 1,048	-	-	-	-	-	-	1	4	6	14	39	27	9	(3)	-	-	-	-	-	-
State and local government	237	39.6	892	890	807 - 927	-	-	-	-	-	3	4	15	19	20	21	8	10	-	-	-	-	-	-	-
Level III	558	39.5	1,113	1,105	1,010 - 1,208	-	-	-	-	-	-	-	1	1	4	17	20	23	18	7	3	(3)	-	-	-
Private industry	496	39.5	1,125	1,115	1,018 - 1,214	-	-	-	-	-	-	-	1	1	4	14	26	24	18	8	3	(3)	-	-	-
Goods producing	103	40.0	1,202	1,182	1,011 - 1,357	-	-	-	-	-	-	-	-	-	2	20	13	16	13	21	14	2	-	-	-
Manufacturing	97	40.0	1,217	1,234	1,038 - 1,357	-	-	-	-	-	-	-	-	-	1	19	11	16	13	23	14	2	-	-	-
Service producing	393	39.4	1,105	1,108	1,024 - 1,195	-	-	-	-	-	-	-	1	1	4	13	30	27	20	5	(3)	-	-	-	-
State and local government	62	39.4	1,018	982	930 - 1,079	-	-	-	-	-	-	-	-	5	11	42	19	8	15	-	-	-	-	-	-
Level IV	93	39.5	1,388	1,387	1,286 - 1,502	-	-	-	-	-	-	-	-	-	-	1	1	10	24	20	34	10	-	-	-
Private industry	79	39.5	1,415	-	- - -	-	-	-	-	-	-	-	-	-	-	1	-	6	18	23	41	11	-	-	-
Computer Systems Analyst Supervisors/Managers																									
Level I	133	39.7	1,296	1,345	1,208 - 1,403	-	-	-	-	-	-	-	-	2	2	5	4	11	17	32	24	3	-	-	-
Private industry	97	39.8	1,308	1,305	1,209 - 1,403	-	-	-	-	-	-	-	-	3	3	1	2	12	22	29	24	4	-	-	-
Service producing	60	39.7	1,295	-	- - -	-	-	-	-	-	-	-	-	5	5	2	-	13	23	27	18	7	-	-	-
State and local government	36	39.3	1,271	-	- - -	-	-	-	-	-	-	-	-	-	-	17	8	8	3	42	25	-	-	-	-
Level II	114	39.3	1,353	1,334	1,202 - 1,481	-	-	-	-	-	-	-	-	-	-	-	4	18	24	11	35	9	-	-	-
Private industry	98	39.2	1,360	1,377	1,202 - 1,497	-	-	-	-	-	-	-	-	-	-	-	3	16	22	9	37	10	-	-	-
Service producing	70	38.9	1,333	-	- - -	-	-	-	-	-	-	-	-	-	-	-	3	21	29	11	24	11	-	-	-

See footnotes at end of table.

Table A-2. All establishments: Weekly hours and earnings of technical and protective service occupations, San Francisco, CA, March 1993

Occupation and level	Number of workers	Average weekly hours[1] (standard)	Weekly earnings (in dollars)[2]			Percent of workers receiving straight-time weekly earnings (in dollars) of—																		
			Mean	Median	Middle range	Under 400	400 and under 425	425 - 450	450 - 475	475 - 500	500 - 525	525 - 550	550 - 575	575 - 600	600 - 650	650 - 700	700 - 750	750 - 800	800 - 850	850 - 900	900 - 950	950 - 1000	1000 - 1050	1050 - 1100	1100 - 1150
Technical Occupations																								
Computer Operators																								
Level II	279	39.7	$480	$487	$415 - $555	[3]25	5	8	8	7	8	12	8	8	8	2	1	-	-	-	-	-	-	-
State and local government	34	39.8	545	-	- - -	-	-	-	3	3	18	35	24	15	3	-	-	-	-	-	-	-	-	-
Level III	387	39.6	578	577	526 - 634	-	3	2	2	10	9	12	10	12	29	6	4	2	-	-	-	-	-	-
Private industry	278	39.6	566	558	507 - 605	-	4	3	3	12	10	15	12	9	19	6	4	3	-	-	-	-	-	-
Service producing	252	39.6	565	555	507 - 605	-	4	3	2	13	11	14	11	10	18	6	5	3	-	-	-	-	-	-
State and local government	89	39.4	605	609	582 - 634	-	-	-	-	1	4	4	6	20	01	2	1	-	-	-	-	-	-	-
Level IV	184	40.0	657	659	622 - 697	-	-	-	-	-	4	1	6	9	24	31	19	1	3	1	-	-	-	-
Private industry	169	40.0	653	658	622 - 695	-	-	-	-	-	4	1	6	9	24	31	17	1	4	1	-	-	-	-
Service producing	148	40.0	648	651	594 - 692	-	-	-	-	-	5	1	9	11	24	30	15	1	3	1	-	-	-	-
State and local government	15	40.0	694	697	664 - 732	-	-	-	-	-	-	-	-	-	20	33	47	-	-	-	-	-	-	-
Drafters																								
Level II	52	40.0	570			-	4	-	2	6	6	19	4	15	42	2	-	-	-	-	-	-	-	-
Level III	66	40.0	665	-	- - -	-	-	-	-	3	9	5	2	2	21	20	18	20	2	-	-	-	-	-
Level IV	68	40.0	740	-	- - -	-	-	-	-	-	1	-	1	-	10	13	22	29	13	7	1	-	-	-
Private industry	67	40.0	748	-	- - -	-	-	-	-	-	1	-	1	-	9	13	22	30	13	7	1	-	-	-
Engineering Technicians																								
Level IV	266	40.0	742	742	692 - 799	-	-	-	([4])	-	-	-	2	2	8	21	23	23	15	7	2	-	-	-
Private industry	264	40.0	742	742	692 - 799	-	-	-	([4])	-	-	-	2	2	8	21	23	23	15	7	2	-	-	-
Engineering Technicians, Civil or Survey Technicians/Construction Inspectors																								
Level I	15	40.0	591	587	534 - 646	-	-	-	-	-	-	27	20	13	40	-	-	-	-	-	-	-	-	-
State and local government	15	40.0	591	587	534 - 646	-	-	-	-	-	-	27	20	13	40	-	-	-	-	-	-	-	-	-
Level II	95	40.0	719	735	668 - 809	-	-	-	-	2	2	5	9	-	4	4	26	13	34	-	-	-	-	-
State and local government	95	40.0	719	735	668 - 809	-	-	-	-	2	2	5	9	-	4	4	26	13	34	-	-	-	-	-
Level III	157	39.7	837	870	798 - 870	-	-	-	-	-	-	-	-	-	1	4	5	25	9	51	5	-	-	-
State and local government	151	39.7	839	870	798 - 870			-	-	-	-	-	-	-	1	4	4	26	7	53	5	-	-	-
Level IV	112	39.9	1,092	1,041	889 - 1,148					-			-	-	-	1	4	12	4	5	3	4	26	7	33
State and local government	101	39.9	1,023	1,041	957 - 1,148					-			-	-	-	1	3	9	4	6	3	4	28	8	36

See footnotes at end of table.

(Option 7B

NWAD FACILITIES REQUIREMENTS

Type Space	Scenario Requirement	NPGS	NPGS	NADEP	NADEP	NAWC CL	NAWC PM	NSWC PHD	NWSSB	NWSSB
Scenario	All	1	1B	1A	1B	1A	1A	1A	1A	1B
Metro RDT&E	29,481	29,481		29,481	29,481					
Gage RDT&E	7,202	7,202							7,202	7,202
Test Cert RDT&E	11,702	11,702	11,702			6,339		5,363		
Metro Lab	3,900	3,900	3,900	3,900						
Interface Gage Lab	12,100	12,100							12,100	12,100
Warehouse	22,900	22,900							22,900	22,900
Force Machine	900	900		900	900					
PA RDT&E	34,562	34,562	34,562				10,369	24,193		
WAL Lab	48,000	48,000	48,000					48,000		
Telemetry Lab	1,865	1,865	1,865				1,865			
Telecomm Lab	3,930	3,930	3,930				3,930			
WISS Engr Lab	1,605	1,605	1,605			1,605				
TM Ground Station	2,826	In WAL	In WAL				2,826			
Strong Rooms	25,000	25,000	20,000	500	500	1,000	9,400	14,100		
QA RDT&E	35,230	35,230	35,230			669		34,561		
SE RDT&E	16,723	16,723	16,723			10,077		6,646		
SCIF (Non-WAL)	1,200	1,200	1,200					1,200		
RDT&E Total	134,900	134,900	98,217	29,481	29,481	17,085	10,369	70,763	7,202	7,202
Non-RDT&E Total	124,226	121,400	80,500	5,300	1,400	2,605	18,021	63,300	35,000	35,000
Grand Total	259,126	256,300	178,717	34,781	30,881	19,690	28,390	134,063	42,202	42,202

GUEST'S 73

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NWAD Corona Facilities Requirements

Facility	Current Occupied (SF)	Q-7 Require-ment (SF)	Scenario Require-ment (SF)	Basic Scenario (SF)	Alt A (SF)	Alt B (SF)		NE - New Engr Est NS - New Certified RE Rehab Engr Est RS - Rehab Certified
(1) Measurement Science (MS)								
Metrology RDTE (Corona)	42,975	46,000	29,481					
Metrology RDTE (NPGS)				29,481				NS COBRA
Metrology RDTE (NI)					29,481	29,481		NS $3,538k
Gage RDTE (Corona/Pomona)	14,380	13,600	7,202					
Gage RDTE (NPGS)				7,202				NS COBRA
Gage RDTE (SBch)					7,202	7,202		RS COBRA
Test Set Cert RDTE (Corona)	24,429	24,400	11,702					
Test Set Cert RDTE (NPGS)				11,702		11,702		NS COBRA
Test Set Cert RDTE (ChL)					6,339			RS COBRA
Test Set Cert RDTE (PtH)					5,363			RS 10% of MILCON
Metrology Lab (Corona)	8,577	8,577	3,900					
Metrology Lab (NPGS)				3,900		3,900		NS $870k
Metrology Lab (NI)					3,900			NS $1,112k
Interface Gage Lab (Pomona)	17,044	12,100	12,100					
Interface Gage Lab (NPGS)				12,100				NS $2,698k
Interface Gage Lab (SBch)					12,100	12,100		RS $2,024

NWAD Corona Facilities Requirements

Facility	Current Occupied (SF)	Q-7 Require-ment (SF)	Scenario Require-ment (SF)	Basic Scenario (SF)	Alt A (SF)	Alt B (SF)		NE - New Engr Est NS - New Certified RE Rehab Engr Est RS - Rehab Certified
Environmentally Controlled Warehouse /Precision Machine Shop (Pomona)	22,900	22,900	22,900					
Environmentally Controlled Warehouse /Precision Machine Shop (NPGS)				22,900				NS $3,550k
Environmentally Controlled Warehouse /Precision Machine Shop (SBch)					22,900	22,900		NS $3,550k
Force Machine Facility (Pomona)	972	900	900					
Force Machine Facility (NI)					900	900		NS $331k
Force Machine Facility (NPGS)				900				NS $331k
(2) Performance Assessment (PA)								
Performance Assessment Building RDTE (Corona)	55,491	42,000	34,562					
Performance Assessment Building RDTE (NPGS)				34,562		34,562		NS COBRA
Performance Assessment Building RDTE (PtH)					24,193			RS 10% MILCON
Performance Assessment Building RDTE (PtM)					10,369			RS COBRA
Warfare Assessment Lab (Corona)	48,690	48,000	48,000					
Warfare Assessment Lab (NPGS)				48,000		48,000		NE $12,672k
Warfare Assessment Lab (PtH)					48,000			NE $12,672k

NWAD Corona Facilities Requirements

Facility	Current Occupied (SF)	Q-7 Require-ment (SF)	Scenario Require-ment (SF)	Basic Scenario (SF)	Alt A (SF)	Alt B (SF)		NE - New Engr Est NS - New Certified RE Rehab Engr Est RS - Rehab Certified
Telemetry (TM)/TelComm/ Weapons Impact Scoring Sys (WISS) (Corona)	8,686	7,400	7,400					
Telemetry (TM)/TelComm/ Weapons Impact Scoring Sys (WISS) (NPGS)				7,400		7,400		NS $1,843k
Weapons Impact Scoring Sys (WISS) (Corona)	1,818	1,900	1,605					
Weapons Impact Scoring Sys (WISS) (ChL)					1,605			RS $300k
Telemetry/TelComm/Ground Station (Corona)	10,216	10,000	8,621					
Telemetry/TelComm/Ground Station (PtM)					8,621			RS COBRA
Level III Strong Rooms (Corona)	27,065	25,000	25,000					
Level III Strong Rooms (NPGS)				25,000				NS $6,050k
Level III Strong Rooms (PtM)					9,400			RS COBRA
Level III Strong Rooms (PhD)					14,100			RS 10% MILCON
Level III Strong Rooms (NI)					500			NS $140k
Level III Strong Rooms (NPGS)						24,500		NS $5,929k
Level III Strong Rooms (NI)						500		NS $140k

NWAD Corona Facilities Requirements

Facility	Current Occupied (SF)	Q-7 Require-ment (SF)	Scenario Require-ment (SF)	Basic Scenario (SF)	Alt A (SF)	Alt B (SF)		NE - New Engr Est NS - New Certified RE Rehab Engr Est RS - Rehab Certified
(3) Quality Assessment (QA)								
Quality Assurance Building RDTE (Corona)	55,491	66,000	35,230					
Quality Assurance Building RDTE (NPGS)				35,230		35,230		NS COBRA
Quality Assurance Building RDTE (ChL)					669			RS COBRA
Quality Assurance Building RDTE (PtH)					34,561			RS 10% of MILCON
(4) Systems Engineering (SE)								
Systems Engineering Building RDTE (Corona)	52,116	35,000	16,723					
Systems Engineering Building RDTE (NPGS)				16,723		16,723		NS COBRA
Systems Engineering Building RDTE (PtH)					6,646			RS 10% of MILCON
Systems Engineering Building RDTE (ChL)					10,077			RS COBRA
SCIF (Non-WAL) (NPGS)	1,489	1,200	1,200	1,200				NS $326k
SCIF (Non-WAL) (PtH)					1,200			RS 10% of MILCON
TOTAL:	392,339	364,977	266,526	256,300	258,126	255,100		

QUESTION 71

NAVY	FY 19 90 MILITARY CONSTRUCTION PROJECT DATA	SEP 89

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL WEAPONS STATION, SEAL BEACH, CA CORONA SITE	WEAPONS TESTING AND EVALUATION FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	315.30	P-171	~~10,100~~ 10,200

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)	
Primary Facility			154.60	~~6,040~~	8778
. Integrated Weapons Facility	SF	57,000	~~100.00~~	~~(6,040)~~	(8778)
Support Facilities				500	
Electrical Utilities	LS	---	---	(50)	
Mechanical Utilities	LS	---	---	(150)	
Roads, Parking, Sidewalk	LS	---	---	(50)	
Site Improvement	LS	---	---	(50)	
Demolition	LS	---	---	(200)	
SUBTOTAL				~~7,040~~	9278
CONTINGENCY (5%)				~~302~~	464
TOTAL CONTRACT COST				~~7,342~~	9742
SIOH (5.5%)				~~404~~	536
TOTAL REQUEST				~~7,746~~	10278
TOTAL REQUEST (ROUNDED)				~~7,700~~	10200
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS				(11,000)	

10. DESCRIPTION OF PROPOSED CONSTRUCTION

A two story reinforced concrete building with built-up roofing, fire protection system, solar assisted mechanical system and environmental control, TEMPEST, IDS, ADP security, and utility. Demolition of three buildings.

11. REQUIREMENT: ~~101,516~~ 137,611 SF ADEQUATE: ~~4,004~~ 3,900 SF SUBSTANDARD: 0 SF
INADEQUATE: ~~97,104~~ 97,868 SF

PROJECT: Construct a weapons engineering, operations, and telemetry facility.

REQUIREMENT: The weapon and combat system performance assessment programs operational readiness assessment, reliability, maintainability, and availability require a controlled environment for the development, test, evaluation, and engineering analysis associated with the integration of a battle group's weapons system. The systems include TRIDENT, STANDARD MISSILE, TOMAHAWK, AEGIS, PHALANX and various air-launched weapons. Analysis of a 15 ship Navy Battle Group requires that each system have its data recorded, processed, displayed, analyzed, tested, and evaluated in an integrated weapons context. The results must then be compiled and integrated weapons system deficiencies reported to the battle group/fleet for corrective measures. Only through integrated

DEPARTMENT OF THE NAVY
SOUTHWEST DIVISION
NAVAL FACILITIES ENGINEERING COMMAND
FACILITIES PLANNING DIVISION
1220 PACIFIC HIGHWAY, RM 229
SAN DIEGO, CALIFORNIA 92132-5177

11000
Ser 202.KM/0702
OCT 29 1993

THIRD ENDORSEMENT on WPNSTA Seal Beach ltr 11010 Ser 054/1158 of 6 May 93

From: Commanding Officer, Southwest Division, Naval Facilities Engineering Command
To: Commander, Naval Facilities Engineering Command (Code 32)

Subj: MCON PROJECT P-167 (FY 96), MEASUREMENT SCIENCE LABORATORY, NAVAL WARFARE ASSESSMENT CENTER, CORONA, CA

Ref: (h) PHONCON WPNSTA Seal Beach (054) D. Crabb/SOUTHWESTNAVFACENGCOM (202.KM) K. Marriott on 27 Oct 93
(i) SOUTHWESTNAVFACENGCOM ltr 11000 Ser 202/0079 of 28 Feb 92

Encl: (8) Supplemental Supporting Cost Data

1. We have reviewed enclosure (6), MCON project documentation for the subject project, and are forwarding it for continuing action. The project cost is certified at $8,170,000 and is considered adequate for the facility at this location. Enclosure (8) provides supplemental supporting cost data.

2. The project scope is supported by the Shore Facilities Planning System.

3. As discussed during reference (h), by copy of this letter, request that the activity forward a copy of the site approval to us (Attn: Code 202) within 30 days. Reference (i) provides local site approval authority for projects which do not involve explosives, electromagnetic radiation or airfield safety.

4. During construction, the project must comply with Southern California Air Quality Management District requirements. In addition, during construction, the project must comply with existing discharge permits.

5. The subject project is "Certified Ready for Design". We have evaluated all of the elements of the project and enclosures (6) and (8) are now considered the official documents to be used as the basis for design authorization.

6. Enclosures (1) through (5), and (7), of the basic correspondence contain MCON project documentation for other projects (P-175, P-196, P-200, P-202, P-203, P-325). These MCON projects will be addressed by separate correspondence.

Subj: MCON PROJECT P-167 (FY 96), MEASUREMENT SCIENCE LABORATORY, NAVAL WARFARE ASSESSMENT CENTER, CORONA, CA

7. Our point of contact is Mr. Ken Marriott, Code 202.KM, at (619) 532-3750 or DSN 522-3750.

K. M. Marriott

for

M. J. BAILEY
By direction

Copy to:
COMNAVSEASYSCOM (Code 07I)
WPNSTA Seal Beach (Code 054)
NWAC Corona

18 OCT 93

NAVAL SEA SYSTEMS COMMAND MILCON PROGRAM
ACTIVITY: NAVAL WARFARE ASSESSMENT CENTER

PRI	YR	RS	P#	LOCATION	UIC	PROJECT DESCRIPTION	IC	IP	CC	FYDP ($000)	CWE ($000)	COLLATERAL EQUIPMENT O&MN ($000)	COLLATERAL EQUIPMENT OPN ($000)
1	96	NBS	P-167	CORONA, CA	64267	MEAS. SCIENCE LAB	0	38	1E	6100	8170	150	000

ENCLOSURE (1)

QUESTION 7L

The following is a listing of the Port Hueneme Division building numbers and square footage allocated for NWAD.

NWAD REQUIREMENTS		PHD BUILDING ALLOCATION			
Group/Use	KSF	Buildings	Existing	Available Due to PHD Draw Down	MILCON
RDT&E	8.7	BLDG 444	8.7		
Measurement Science	21.9	BLDG 1387	17.2	4.7	
Performance Assessment	44.9	Engineering Complex - BLDGS: 1211, 1212, 1214, 1215, 1216	20.6	24.3	
Quality Assessment	14.1	BLDG 5	14.1		
Systems Engineering	48.0	MILCON - BLDG 1389			48.0
Special Use	7.2	BLDG 7	7.2		
WAL	20.0	MILCON - BLDG 1389 - 10SF, BLDG 7 - 10KSF		10.0	10.0
Computer Room	1.2	BLDG 1380		1.2	
Level III					
SCIF					
TOTALS	166.0		67.8	40.2	58.0

6 December 1994

From: Naval Warfare Assessment Division, Corona CA

To: Naval Ordnance Command

Subject: BSAT SCENARIO 3-20-0212-039

Ref: (a) NWAD (J. Fishell) memorandum of 4 Dec 1994

1. Reference (a), paragraph 11.c., noted that the Net Mission Cost information as provided in NWAD scenario responses may be in error and that new data would be submitted. The corrected information is provided below.

2. Given that the original move to NPGS, Monterey was scheduled during Fiscal Years 1998, 1999, and 2000, the estimated contractor staffing required at both the Corona and Monterey sites is shown in the following:

Contractor Staff Location/Type	Fiscal Year End			
	1997	1998	1999	2000
Monterey Technical & Management	0	209	284	373
Corona Technical & Management	373	164	89	0
Corona Infrastructure support	58	58	50	0
Total	431	431	423	373

3. As noted in Part 7 of the Base Loading Data, a total of 431 contract workyears are required to support the command either on base or in the local area. 58 contract workyears of infrastructure support are estimated to be eliminated at the Corona site in this scenario. This reflects an approximate 13% reduction in contract services. Contract administration and support contract costs are not included. This support is

necessary and should be provided at the gaining base. The need for an increase in this type of effort at the gaining base has been addressed.

4. It is requested that you forward this information to the BSAT. For additional information or clarification, contact Mr. John Fishell of this command at (909) 273-5567.

Cdr David Leslie
by direction

QUES - 112 B

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NWAD Corona Billet Comparision

Facility	Government Billets								Contractor Support			
	Current		Scenario		Alt A		Alt B					
	Tech	Supp	Tech	Supp	Tech	Supp	Tech	Supp	Curr	Scen	Alt A	Alt B
Building X RDTE Current base	775								336			
Building X RDTE (NPGS)			548				393			418		308
Building X RDTE (NAWC-WD, China Lake)					83						63	
Building X RDTE (NAWC-WD, Point Mugu)					48						36	
Building X RDTE (NSWC-PHD)					250						209	
Building X RDTE (NASNORIS)					131		119				107	107
Building X RDTE (NWSSB)					36		36				3	3
									10			
WAL, Current base (See Note 1)	8									10		10
WAL (NPGS) (see Note 1)			3				3				10	
WAL (NWSC-PHD) (see Note 1)					3							
Interface Gage Lab, Current base	15											
Interface Gage Lab (NPGS)			14									
Interface Gage Lab (NWSSB)					14		14					
Gage Engineering Lab (see Interface Gage Lab)	n/a		n/a		n/a		n/a		n/a	n/a	n/a	n/a
Metrology Engr Lab (see Note 1)	13		n/a		n/a		n/a		n/a	n/a	n/a	n/a

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NWAD Corona Billet Comparision

Facility	Government Billets								Contractor Support			
	Current		Scenario		Alt A		Alt B					
	Tech	Supp	Tech	Supp	Tech	Supp	Tech	Supp	Curr	Scen	Alt A	Alt B
Level III Strong Rooms, Current base	63								25			
Level III Strong Rooms (NPGS)			50				50			8	25	25
Level III Strong Rooms (NAWC-WD, Pt Mugu)					15					17		
Level III Strong Rooms (NSWC-PHD)					35							
SCIF (non-WAL) (see Note 1)	n/a		n/a		n/a		n/a		n/a	n/a	n/a	n/a
Environmentally Controlled Warehouse/Precision Machine Shop, Current base	5								2			
Environmentally Controlled Warehouse / Precision Machine Shop (NPGS)			2							2		
Environmentally Controlled Warehouse / Precision Machine Shop (NWSSB)					2		2				2	2
TM/TelComm Lab (see Note 1)	n/a		n/a		n/a		n/a		n/a	n/a	n/a	n/a
TM Ground Station (p/o WAL)	n/a		n/a		n/a		n/a		n/a	n/a	n/a	n/a

NWAD Corona Billet Comparision

Facility	Government Billets								Contractor Support			
	Current		Scenario		Alt A		Alt B					
	Tech	Supp	Tech	Supp	Tech	Supp	Tech	Supp	Curr	Scen	Alt A	Alt B
WISS (see Note 1)												
Force Machine Facility (see Note 1)	1											
Satellite Earth Sta (see Note 2)									58			
Other		85										
Total	880	85	617	0	617	0	617	0	431	455	455	455

Note 1: The areas are used by Command technical personnel and visiting military and civilian personnel on a scheduled basis for specific projects.

Note 2: This is a satellite dish antenna and electronics support area. No personnel are assigned.

QUESTIONS AND ANSWERS
2 DEC 1994

ENCL (5)

Department of the Navy
Base Structure Analysis Team

BSAT

Date: 2 December 1994

From: CDR Mark Samuels
Office: (703) 681-0481
Fax: (703) 756-2174

To: Mr. Jim Logan/Ms. Judith Adtkins
Org: NAVSEASYSCOM
Office: (703) 602-5926/7
Fax: (703) 602-0541

Subj: BRAC-95 SCENARIO DEVELOPMENT DATA CALL TASKING - SCENARIO 3-20-02121-039 (CLOSE NWAD CORONA. MOVE NECESSARY FUNCTIONS TO NPGS MONTEREY)

Both of the alternative scenarios that you have submitted for NWAD Corona include moves to DBOF activities. Usually, movement of billets into any DBOF activity will result in a reduction of the man year rate that activity charges. Did any of the gaining sites report such a recurring savings? If not, did they state why? Please verify with them that there is/is not such an opportunity.

FAX 1200 12/2
C. HEPLER

R.

M. B. SAMUELS
CDR, CEC, USN

Copy to: ~~NWAD Corona, [illegible] (909) 279-4865~~ NOT SENT by CDR Samuels

TOTAL PAGES 1 (INCLUDING THIS COVER SHEET) Therefore pass to West Coast from here.

TOTAL P.01

9 Dec 94

From: Commander, Naval Warfare Assessment Division
To: CDR Mark Samuels (BSAT)

Subj: BSAT SCENARIO 3-20-0212-039

Ref: (a) BSAT (CDR M. Samuels) memorandum of 2 Dec 94

Encl: (1) Stabilized Rate Data

1. Responding to reference (a) question, only NAWC China Lake reported any recurring savings resulting from increased billets. The other Activities did not report any savings.

2. Enclosure (1) reflects FY 96 stabilized rate information gathered from each Activity and the resulting recurring savings or recurring costs associated with a move there. In each case, there is an increased cost to the Naval Ordnance Center as a result of decreased direct workload. The following table summarizes each Activity's net cost or net savings:

Activity	Net Savings/(Cost)
NSWC Port Hueneme	$1,901,218
NAWC China Lake	245,065
NAWC Point Mugu	(887,327)
NADEP San Diego	(618,252)
NWSSB Seal Beach	(871,696)
Total	(230,991)

D. R. LESLIE
by direction

Copy to:
NOC (Clint Hepler)

ACTIVITY	G&A DLHS	G&A RATE	G&A BUDGET	PROD EXP DLHS	PROD EXP RATE	PROD EXP BUDGET	TOTAL O/H RATE	TOTAL O/H BUDGET
PT. HUENEME	3,363,000	$10.30	$34,638,900	3,363,000	$8.92	$29,997,960	$19.22	$64,636,860
CORONA	566,773	$10.23	$5,798,088	566,773	$13.65	$7,736,451	$23.88	$13,534,539
CONSOLIDATED*	3,929,773	$9.93	$39,017,221	3,929,773	$8.60	$33,789,671	$18.53	$72,806,893
SAVINGS:								
PT. HUENEME	3,363,000	$0.37	$1,248,952	3,363,000	$0.32	$1,081,617	$0.69	$2,330,569
CORONA	566,773	$0.30	$170,814	566,773	$5.05	$2,863,123	$5.35	$3,033,938
TOTAL SAVINGS	3,929,773		$1,419,766	3,929,773		$3,944,740		$5,364,506
INCREASED COSTS TO NOC								
ASSESSMENTS			$1,116,673					
NWSSB/PACDIV G&A**			$2,346,615					
TOTAL INCREASED COSTS			$3,463,288					$3,463,288
NET SAVINGS/(COSTS)			$ (2,043,522)			$3,944,740		$1,901,218

CORONA'S DLHS BASED ON 306 DIRECT WORKYEARS AND 5% OVERTIME

*ASSUMES A 25% SAVINGS RESULTING FROM THE INCREASED DIRECT LABOR BASE AT GAINING ACTIVITY (ECONOMIES OF SCALE)

**INCREASED COSTS ABSORBED BY NOC FOR NWSSB/PACDIV G&A REFLECT A 30% SAVINGS

ACTIVITY	G&A DLHS	G&A RATE	G&A BUDGET	PROD EXP DLHS	PROD EXP RATE	PROD EXP BUDGET	TOTAL O/H RATE	TOTAL O/H BUDGET
CHINA LAKE	3,395,230	$31.17	$105,829,319	2,982,507	$4.52	$ 13,480,932	$35.69	$119,310,251
CORONA	153,733	$10.23	$1,572,689	153,733	$13.65	$2,098,455	$23.88	$3,671,144
CONSOLIDATED*	3,548,963	$30.83	$109,423,212	3,136,240	$3.95	$14,002,087	$34.78	$123,425,299
SAVINGS:								
CHINA LAKE	3,395,230	$0.34	$1,146,071	2,982,507	$0.57	$1,713,742	$0.91	$2,859,813
CORONA	153,733	($20.60)	($3,167,276)	153,733	$9.70	$1,491,917	($10.90)	($1,675,359)
TOTAL	3,548,963		($2,021,205)	3,136,240		$3,205,659		$1,184,454
INCREASED COSTS TO NOC								
ASSESSMENTS			$302,889					
NWSSB/PACDIV G&A**			$636,500					
TOTAL INCREASED COSTS			$939,389					$939,389
NET SAVINGS/(COSTS)			$ (2,960,593)			$3,205,659		$245,065
CORONA'S DLHS BASED ON 83 DIRECT WORKYEARS AND 5% OVERTIME								
*ASSUMES A 25% SAVINGS RESULTING FROM THE INCREASED DIRECT LABOR BASE AT GAINING ACTIVITY (ECONOMIES OF SCALE)								
**INCREASED COSTS ABSORBED BY NOC FOR NWSSB/PACDIV G&A REFLECT A 30% SAVINGS								

ACTIVITY	G&A DLHS	G&A RATE	G&A BUDGET	PROD EXP DLHS	PROD EXP RATE	PROD EXP BUDGET	TOTAL O/H RATE	TOTAL O/H BUDGET
PT. MUGU	2,143,482	$25.77	$55,237,531	2,115,795	$11.23	$23,760,378	$37.00	$78,997,909
CORONA	88,906	$10.23	$909,508	88,906	$13.65	$1,213,567	$23.88	$2,123,075
CONSOLIDATED*	2,232,388	$25.51	$56,955,862	2,204,701	$11.12	$24,509,189	$36.63	$81,465,050
SAVINGS:								
PT. MUGU	2,143,482	$0.26	$549,966	2,115,795	$0.11	$239,538	$0.37	$789,504
CORONA	88,906	($15.28)	($1,358,788)	88,906	$2.53	$225,218	($12.75)	($1,133,570)
TOTAL SAVINGS	2,232,388		($808,822)	2,204,701		$464,756		($344,066)
INCREASED COSTS TO NOC								
ASSESSMENTS			$175,164					
NWSSB/PACDIV G&A**			$368,096					
TOTAL INCREASED COSTS			$543,261					$543,261
NET SAVINGS/(COSTS)			($1,352,083)			$464,756		($887,327)
CORONA'S DLHS BASED ON 48 DIRECT WORKYEARS AND 5% OVERTIME								
*ASSUMES A 25% SAVINGS RESULTING FROM THE INCREASED DIRECT LABOR BASE AT GAINING ACTIVITY (ECONOMIES OF SCALE)								
**INCREASED COSTS ABSORBED BY NOC FOR NWSSB/PACDIV G&A REFLECT A 30% SAVINGS								

ACTIVITY	G&A DLHS	G&A RATE	G&A BUDGET	PROD EXP DLHS	PROD EXP RATE	PROD EXP BUDGET	TOTAL O/H RATE	TOTAL O/H BUDGET
NADEP	1,010,985	$11.84	$11,970,062	1,010,985	$15.25	$15,417,521	$27.09	$27,387,584
CORONA	242,638	$10.23	$2,482,187	242,638	$13.65	$3,312,009	$23.88	$5,794,195
CONSOLIDATED*	1,253,623	$11.27	$14,124,688	1,253,623	$14.51	$18,192,693	$25.78	$32,317,381
SAVINGS:								
NADEP	1,010,985	$0.57	$579,200	1,010,985	$0.74	$746,013	$1.31	$1,325,213
CORONA	242,638	($1.04)	($251,638)	242,638	($0.86)	($209,176)	($1.90)	($460,815)
TOTAL SAVINGS	1,253,623		327,561	1,253,623		$536,837		$864,398
INCREASED COSTS TO NOC								
ASSESSMENTS			478,053					
NWSSB/PACDIV G&A**			1,004,597					
TOTAL INCREASED COSTS			1,482,650					$1,482,650
NET SAVINGS/(COSTS)			(1,155,088)			$536,837		($618,252)
CORONA'S DLHS BASED ON 131 DIRECT WORKYEARS AND 5% OVERTIME								
*ASSUMES A 25% SAVINGS RESULTING FROM THE INCREASED DIRECT LABOR BASE AT GAINING ACTIVITY (ECONOMIES OF SCALE)								
**INCREASED COSTS ABSORBED BY NOC FOR NWSSB/PACDIV G&A REFLECT A 30% SAVINGS								

ACTIVITY	G&A DLHS	G&A RATE	G&A BUDGET	PROD EXP DLHS	PROD EXP RATE	PROD EXP BUDGET	TOTAL O/H RATE	TOTAL O/H BUDGET
NWSSB	40,542	$22.75	$922,331	40,542	$13.01	$527,451	$35.76	$1,449,782
CORONA	96,314	$10.23	$985,292	96,314	$13.65	$1,314,686	$23.88	$2,299,978
CONSOLIDATED*	136,856	$18.75	$2,565,688	136,856	$10.72	$1,467,235	$29.47	$4,032,923
SAVINGS:								
NWSSB	40,542	$4.00	$162,275	40,542	$2.29	$92,800	$6.29	$255,075
CORONA	96,314	($8.52)	($820,341)	96,314	$2.93	$282,102	($5.59)	($538,238)
TOTAL SAVINGS	136,856		($658,065)	136,856		$374,902		($283,163)
INCREASED COSTS TO NOC								
ASSESSMENTS			$189,762					
NWSSB/PACDIV G&A**			$398,771					
TOTAL INCREASED COSTS			$588,533					$588,533
NET SAVINGS/(COSTS)			($1,246,598)			$374,902		($871,696)

CORONA'S DLHS BASED ON 52 DIRECT WORKYEARS AND 5% OVERTIME

*ASSUMES A 25% SAVINGS RESULTING FROM THE INCREASED DIRECT LABOR BASE AT GAINING ACTIVITY (ECONOMIES OF SCALE)

**INCREASED COSTS ABSORBED BY NOC FOR NWSSB/PACDIV G&A REFLECT A 30% SAVINGS

ACTIVITY	G&A DLHS	G&A RATE	G&A BUDGET	PROD EXP DLHS	PROD EXP RATE	PROD EXP BUDGET	TOTAL O/H RATE	TOTAL O/H BUDGET
TOTAL SAVINGS:								
GAINING ACTIVITIES	9,953,239	$ 5.54	$ 3,686,464	9,512,829	$ 4.04	$ 3,873,710	$ 9.58	$ 7,560,174
CORONA	1,148,364	$ (45.14)	$ (5,427,229)	1,148,364	$ 19.36	$ 4,653,184	$ (25.78)	$ (774,045)
TOTAL SAVINGS/(COSTS)	11,101,603	$ (39.60)	$ (1,740,765)	10,661,193	$ 23.39	$ 8,526,894	$ (16.21)	$ 6,786,129
INCREASED COSTS TO NOC:								
ASSESSMENTS			$ 2,262,541					$ 2,262,541
NWSSB/PACDIV G&A			$ 4,754,579					$ 4,754,579
TOTAL INCREASED COSTS			$ 7,017,120					$ 7,017,120
NET SAVINGS/(COSTS)			$ (8,757,885)			$ 8,526,894		$ (230,991)

QUESTIONS AND ANSWERS
8 DEC 1994

ENCL (6)

Department of the Navy
Base Structure Analysis Team

BSAT

Date: 8 December 1994

From: CDR Mark Samuels
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Fax: (909) 273-4205

Subj: BRAC-95 SCENARIO DEVELOPMENT DATA CALL TASKING - SCENARIO 3-20-02121-039 (CLOSE NWAD CORONA. MOVE NECESSARY FUNCTIONS TO NPGS MONTEREY)

Dave,

Please see attached memo.

R,

M. B. SAMUELS
CDR, CEC, USN

Copt to: NAVSEA (703) 602-0541

TOTAL PAGES 3 (INCLUDING THIS COVER SHEET)

8 December 1994

MEMORANDUM
From: CDR Mark Samuels (BSAT)
To: CDR Dave Leslie (XO NWAD)

Subj: **COBRA SCENARIO DATA CALL RESPONSES (SCENARIO 3-20-0212-039 CLOSE NWAD CORONA)**

Ref: (a) My 1 December 1994 memo

1. I am partially through your responses to Ref (a) that I received 12/4/94. I have the following questions that need answers as soon as possible.

a. NWAD Corona Facilities Requirements: The following questions reference the table provided in response to question 7.b. of Ref (a):

(1) What is the Metrology RDT&E facility? What does it do? Where is this requirement in the basic response? How does it differ from the Metrology Lab? Why can't they share space? Where is this capability now?

(2) What is the Gage RDT&E Facility? What does it do? Where is this requirement in the basic response? How does it differ from the Interface Gage Lab? Why can't they share space? Where is this capability now?

(3) What is the Test Set Cert RDT&E facility? What does it do? Where is this requirement in the basic response? How does it differ from the Interface Gage Lab? Why can't they share space? Where is this capability now?

(4) What is the PA RDT&E Facility? What does it do? Where is this requirement in the basic response? Where is this capability now? What type of space is it (Engineering Space, Admin, Operations, etc.)?

(5) What is the QA RDT&E Facility? What does it do? Where is this requirement in the basic response? Where is this capability now? What type of space is it (Engineering Space, Admin, Operations, etc.)?

(6) What is the SE RDT&E facility? What does it do? Where is this requirement in the basic response? Where is this capability now? What type of space is it (Engineering Space, Admin, Operations, etc.)?

(7) What is the difference between the columns "Current Occupied (SF)", "Q-7 Requirement (SF)" and "Scenario Requirement (SF)"?

(8) What is the crosswalk between the Level III Strong Rooms and the Facilities/Capabilities listed?

(9) What is the crosswalk between the Building X stuff and the square footage requirements?

b. NWAD Corona Equipment Tonnage & Moving Cost: The following questions reference the table provided in response to questions 2 & 8 of Ref (a):

(1) Why is the "Current Tons" column blank for most of o\the entries?

(2) What is the crosswalk between the Building X tonnage and the facility square footage requirements?

c. NWAD Corona Billet Comparison: The following questions reference the table provided in response to question 12.b. of Ref (a):

(1) What does Note #1 mean?

(2) There are 13 billets for the Metrology Engr Lab, do they stay relocate with the lab or are they eliminated?

(3) There is 1 billet with the Force Machine Facility, does it relocate with the facility or is it eliminated?

(4) Is there any staff (technical and/or support) for the SCIF's that is not covered in the other facilities?

(5) There are only 965 billets listed in the table, yet you listed 995 billets in the corrected Table 2-D. What happened?

(6) What is the breakout of the 85 "Other" support billets? All of these billets are being eliminated?

(7) What is the breakout of the Building X billets relative to the facilities/capabilities listed in your response to questions 1.a.(9) & 1.b.(2) above?

(8) This table shows 348 billets being eliminated (880 + 85 - 617 = 348), yet the corrected Table 2-D indicates 267. Also, this table shows 965 total billets and the corrected Table 2-D shows 995. Please correct/explain these differences.

2. I'll have more after I finish my review tonight.

M.B.SAMUELS
CDR,CEC, USN

Copy to: NAVSEA (Mr. Jim Logan/Ms Judith Atkins) Fax (703) 602-0541

9 Dec 94

From: Commander, Naval Warfare Assessment Division
To: CDR Mark B. Samuels (BSAT)

Subj: BSAT SCENARIO 3-20-0212-039

Ref : (a) BSAT (CDR M. Samuels) memorandum of 8 Dec 1994

Encl: (1) Naval Warfare Assessment Division Response to BRAC-95 Scenario Development Data Call 3-20-0212-039 Questions

1. This Command's response to the questions of reference (a) is provided in enclosure (1).

D. R. LESLIE
by direction

Copy to:
NOC (Clint Hepler)

1a. All RDT&E facilities equate to the Building X requirements. They reflect the space directly required for the testing of missiles, missile systems, handling, and launching equipment. as reflected in the basic facilities requirements of April 1992.

1. QUESTION 1a(1): The Metrology RDT&E facility requirement is the Category 312 workspace required by the engineers and analysts supporting the metrology business area. The "RDT&E" terminology was chosen to be compatible with the tables in the Gaining Base section of the basic scenario response. The Category 312 workspace differs from the Metrology Laboratory primarily in the environmental controls required; the relative level of test systems and fabrication equipment; the computer workstations; and, the associated furnishings. Both spaces are utilized by staff engineers; laboratory space is also used by visitors to the site. The capabilities are at the NWAD Corona and Pomona sites.

2. QUESTION 1a(2): Paragraph 1a(1) response applies.

3. QUESTION 1a(3): Paragraph 1a(1) response applies except that the capability is at the NWAD Corona site.

4. QUESTION 1a(4): Paragraph 1a(1) response applies except that the capability is at the NWAD Corona site.

5. QUESTION 1a(5): Paragraph 1a(1) response applies except that the capability is at the NWAD Corona site.

6. QUESTION 1a(6): Paragraph 1a(1) response applies except that the capability is at the NWAD Corona site.

7. QUESTION 1a(7): "Current occupied (SF)" is the space currently occupied and used at the NWAD Command sites and is based on current on-board count. "Q-7 Requirement (SF)" is the space required to support the staffing level prescribed in CP-7. "Scenario Requirement (SF)" is the space required to support the directed reduction in staffing levels of each scenario.

8. QUESTION 1a(8): NWAD facility requirements (re: Table provided in response to CDR Samuels 1 Dec 94 FAX Question 7B) include 25,000 sq. ft. of strong room space. This space is divided between Performance Assessment (PA) functions (requiring 20,000 sq. ft.) and Measurement Science (MS) functions (requiring 5,000 sq. ft.).

In the basic scenario, all functions relocate to NPGS Monterey, including the entire 25,000 sq. ft. strong room facilities requirement.

The PA and MS functions can each be subdivided into programs sponsored either by NAVSEA or NAVAIR. In the Alternative A scenario, the strong room facilities requirement is divided among receiving sites aligned with either NAVSEA or NAVAIR on the basis of program sponsorship. Accordingly, the NAVSEA-sponsored programs in PA (e.g., AEGIS Combat System and STANDARD missile analysis), and MS (Test Set Certification), a

combined requirement of 14,100 sq. ft., are transferred to NSWC Port Hueneme. The PA functions sponsored by NAVAIR (cruise missile and air-launched weapons analysis) are transferred to NAWC Point Mugu, requiring 9,400 sq. ft. of strong room space. The NAVAIR-sponsored Test Set Certification functions, requiring 1,000 sq. ft. of strong room space, is transferred to NAWC China Lake not reflected in the Table on the 4 Dec response.. The 500 sq. ft. requirement transferred to NADEP San Diego is required for MS Metrology Engineering. A corrected table is attached.

In the Alternative B scenario, all functions with strong room requirements, except the MS Metrology Engineering (500 sq. ft. at NADEP) are transferred to NPGS Monterey. Note that the corresponding strong room requirement in the table (20,000 sq. ft.) is incorrect. The correct requirement for strong rooms at NPGS is 24,500 sq. ft. A corrected table is attached.

9. QUESTION 1a(9): "Building X" equates to the RDT&E spaces in the tables provided.

10. QUESTION 1b(1): See attached table, "NWAD Corona Equipment Tonnage & Moving Costs."

11. QUESTION 1b(2): See attached table, "NWAD Corona Equipment Tonnage & Moving Costs."

12. QUESTION 1c(1): Note 1 applies to those laboratory spaces which:

a. May or may not have personnel (billets) assigned full-time space. If anyone is assigned, the number is shown in the matrix.

b. Are used on a team/project basis by NWAD personnel and representatives from other organizations. The number of users varies with time and projects.

13. QUESTION 1c(2): The 13 billets associated with the Metrology Engineering Laboratory reflect the staffing assigned to the area as of 1 December 1994. The calibration workload portion of the laboratory associated with these 13 billets is planned for transfer without billets to other activities for all of the scenarios, and the billets are eliminated. This was done because of the need to meet directed overall personnel move numbers.

14. QUESTION 1c(3): The billet associated with the Force Machine facility reflects the staffing assigned to the area as of 1 December 1994. The facility and the workload are planned to transfer to another activity for all scenarios, and the billet is planned to be eliminated. This was done for the same reason as in paragraph 13.

15. QUESTION 1c(4): Staffing for the SCIFs, two full-time positions, is covered and addressed in paragraph 6 of reference (b).

16. QUESTION 1c(5): The 965 billets listed in the table are the NWAD civilian employees on board as of 1 December 1994 that work at Command sites in the local area. An additional 56 NWAD civilian employees are located at field sites out of the local area. An additional

four military personnel are also assigned to the Command. Accordingly, as of 1 December 1994, the total on-board count is 1025. The 995 billets listed in the corrected Table 2D reflect the total civilian and military personnel listed in CP-7 for NWAD and tenants to the Corona and Pomona sites. A comparison of this data is shown in the following:

	Civilian and Military Billets			
Location	Onboard 1 Dec 1994	CP-7 FY 96 (Prescribed)	CP-7 FY 02 (Prescribed)	Scenario (Directed)
NWAD local sites	969*	938**	831	618***
Tenants Corona site	37	57	56	0
Subtotal	1006	995	887	618
NWAD, remote sites	56	54	54	54
TOTAL	1062	1049	941	672

*Includes 4 military, 965 civilian
** Includes 3 military, 935 civilian
***Includes 1 military OIC, 617 civilian

17. QUESTION 1c(6): The breakout of the 85 support positions is shown as follows:

Function/Position	Billets
Security	16
STILO	3
AIS Security	2
Public Works	16
Facilities, Safety, Environment	7
Fire Prevention	7
Command Support Services	13
MultiMedia	10
Total Quality Leadership	2
Secretary	2
Command Evaluation and Review	1
Finance	5
Contracting Officer Representative	1
TOTAL	85

In this listing, the 85 positions are shown as eliminated. As indicated in paragraph 6 of reference (b), of these, many support positions are required to be provided by the gaining site(s).

18. QUESTION 1c(7): See attached Table.

19. QUESTION 1c(8): GENERAL: The differences reflect the differences between (a) actual on-board billet counts and projections based on NWAD budget submits, (b) the CP-7 billet counts provided in the Base Loading Data (BLD) which differs from our projected budget projections, and (c) the NAVSEA directed personnel objective (617). See Table 1A note to basic scenario.

SPECIFIC: The values shown in Table 2D reflect the prescribed CP-7 values indicated on the Base Loading Data, Part 1 (FY 96). The 995 billets include 938 military and civilian billets assigned to the NWAD (local) and 57 billets associated with tenants located at the Corona site(s).

The Base Loading Data for FY 02 reflect a prescribed force level reduction of 109 for NWAD (local) and Corona site tenants. As noted in the basic response to scenario 3-20-0212-039, the CP-7 staffing figures are 10-15 percent lower than we believe will be required as supported by present budget submits. In addition, the response to Table 1-A indicated that a directed savings objective of 30 percent from the CP-7 figures requires additional positions to be eliminated. This action resulted in a directed reduction to the 617 civilian positions and one military position and requiring elimination of direct-funded workload and all staff functions.

Accordingly: (a) The difference between the current NWAD civilian onboard count for the local area (965) and the directed reduction level for FY 02 (617) is 348; (b) In Table 2D, the difference between the prescribed FY 96 CP-7 military and civilian data for NWAD (local) and Corona site tenant (1000) and the directed reduction level for FY 02 (625) is 375. The 375 is comprised of a prescribed force structure change of -108 and an additional directed 30 percent reduction of 267; and, (c) The difference between the total billets (965) noted in this table and that is shown in Table 2-D (995) is described in paragraph 1.6 in the answer to question 1c(5).

NWAD Corona Facilities Requirements

Facility	Current Occupied (SF)	Q-7 Require-ment (SF)	Scenario Require-ment (SF)	Basic Scenario (SF)	Alt A (SF)	Alt B (SF)		NE - New Engr Est NS - New Certified RE Rehab Engr Est RS - Rehab Certified
Telemetry (TM)/TelComm/ Weapons Impact Scoring Sys (WISS) (Corona)	8,686	7,400	7,400					
Telemetry (TM)/TelComm/ Weapons Impact Scoring Sys (WISS) (NPGS)				7,400		7,400		NS $1,843k
Weapons Impact Scoring Sys (WISS) (Corona)	1,818	1,900	1,605					
Weapons Impact Scoring Sys (WISS) (ChL)					1,605			RS $300k
Telemetry/TelComm/Ground Station (Corona)	10,216	10,000	8,621					
Telemetry/TelComm/Ground Station (PtM)					8,621			RS COBRA
Level III Strong Rooms (Corona)	27,065	25,000	25,000					
Level III Strong Rooms (NPGS)				25,000				NS $6,050k
Level III Strong Rooms (PtM)					9,400			RS COBRA
Level III Strong Rooms (PhD)					14,100			RS 10% MILCON
Level III Strong Rooms (NI)					500			NS $140k
Level III Strong Rooms (NPGS)						24,500		NS $5,929k
Level III Strong Rooms (NI)						500		NS $140k
Level III Strong Rooms (ChL)					1,000			

BRAC 95 Scenario Development

12/9/94, 7:30 PM

Naval Warfare Assessment Division

2

NWAD FACILITIES REQUIREMENTS (Sq Ft)

Type Space / Scenario	Scenario Requirement All	NPGS 1	NPGS 1B	NADEP 1A	NADEP 1B	NAWC CL 1A	NAWC PM 1A	NSWC PHD 1A	NWSSB 1A	NWSSB 1B
Metro RDT&E	29,481	29,481		29,481	29,481				7,202	7,202
Gage RDT&E	7,202	7,202				6,339		5,363		
Test Cert RDT&E	11,702	11,702	11,702						12,100	12,100
Metro Lab	3,900	3,900	3,900	3,900					22,900	22,900
Interface Gage Lab	12,100	12,100								
Warehouse	22,900	22,900								
Force Machine	900	900		900	900				-	
PA RDT&E	34,562	34,562	34,562				10,369	24,193		
WAL Lab	48,000	48,000	48,000					48,000		
Telemetry Lab	1,865	1,865	1,865				1,865			
Telecomm Lab	3,930	3,930	3,930				3,930			
WISS Engr Lab	1,605	1,605	1,605			1,605				
TM Ground Station	2,826	In WAL	In WAL				2,826			
Strong Rooms	25,000	25,000	24,500	500	500	1,000	9,400	14,100		
QA RDT&E	35,230	35,230	35,230			669		34,561		
SE RDT&E	16,723	16,723	16,723			10,077		6,646		
SCIF (Non-WAL)	1,200	1,200	1,200					1,200		
RDT&E Total	134,900	134,900	98,217	29,481	29,481	17,085	10,369	70,763	7,202	7,202
Non-RDT&E Total	124,226	121,400	85,000	5,300	1,400	2,605	18,021	63,300	35,000	35,000
Grand Total	259,126	256,300	183,217	34,781	30,881	19,690	28,390	134,063	42,202	42,202

2

NWAD Corona Equipment Tonnage & Moving Cost

Facility	Current		Basic Scenario		Alt A		Alt B		Cross Reference to Tables		
	Tons	Move $	Tons	Move $	Tons	Move $	Tons	Move $	Basic	Alt A	Alt B
Building X RDTE (Corona)	1392						803	COBRA	2B		2B
Building X RDTE (NPGS)	1120		1120	COBRA			0				
Metrology RDTE			226	COBRA			0				
Gage RDTE			31	COBRA			115	COBRA			
Test Set Certification RDTE			115	COBRA			137	COBRA			
Performance Assessment RDTE			137	COBRA			258	COBRA			
Quality Assurance Building RDTE			258	COBRA			353	COBRA			
Systems Engr Building RDTE			353	COBRA						2B	
Building X RDTE (ChL)					202	COBRA					
Test Set Certification RDTE					116	COBRA					
Quality Assurance Building RDTE					1	COBRA					
Systems Engr Building RDTE					86	COBRA				2B	
Building X RDTE (PtM)					53	COBRA					
Performance Assessment RDTE										2B	
Building X RDTE (PtH)					590	COBRA					
Test Set Certification RDTE					116	COBRA					
Performance Assessment RDTE					137	COBRA					
Quality Assurance Building RDTE					258	COBRA					
Systems Engr Building RDTE					80	COBRA				2B	2B
Building X RDTE (NI)					275	COBRA	181	COBRA			
Metrology RDTE					275	COBRA	181	COBRA			2B
Building X RDTE (SBch)							76	COBRA			
Gage RDTE							76	COBRA			
WAL (Corona)	171						171	COBRA	2B		2B
WAL (NPGS)			171	COBRA						2B	
WAL (PtH)					171	COBRA					
Metrology Engr Lab (Corona)	16										
Metrology Engr Lab (NPGS)			16	Note 1	16	Note 1					
Metrology Engr Lab (NI)							16	Note 1			
Level III Strong Rooms (Corona)	108										
Level III Strong Rooms (NPGS)			98	COBRA			98	COBRA	2B		2B
Level III Strong Rooms (PtM)					28	COBRA				2B	
Level III Strong Rooms (PtH)					70	COBRA				2B	
SCIF (non-WAL) (Corona)	1										
SCIF (non-WAL) (NPGS)			1	COBRA			1	COBRA	2B		2B
SCIF (non-WAL) (PtH)					1	COBRA				2B	

NWAD Corona Equipment Tonnage & Moving Cost

Facility	Current		Basic Scenario		Alt A		Alt B		Cross Reference to Tables		
	Tons	Move $	Tons	Move $	Tons	Move $	Tons	Move $	Basic	Alt A	Alt B
Interface Gage Lab / Environmentally Controlled Warehouse / Precision Machine Shop (Corona)	1100										
Interface Gage Lab / Environmentally Controlled Warehouse / Precision Machine Shop (NPGS)			1100	1,315,000					2Fc Item 12		
Interface Gage Lab / Environmentally Controlled Warehouse / Precision Machine Shop (SBch)					1100	1,315,000	1100	1,315,000		2Fc Item 16	2Fc Item 10
TM/TelComm Lab (Corona)	345										
TM/TelComm Lab (NPGS)			334	172,000			334	172,000	2Fc Item 26		2Fc Item 21
TM/TelComm Lab (PtM)					334	162,000				2Fc Item 29	
TM Ground Station (Corona)	19										
TM Ground Station (NPGS)			18	523,000			18	523,000	2Fc Item 27		2Fc Item 22
TM Ground Station (PtH)					18	517,000				2Fc Item 30	
WISS Engr Lab (Corona)	106										
WISS Engr Lab (NPGS)			97	64,000			97	64,000	2Fc Item 20		2Fc Item 21
WISS Engr Lab (ChL)					97	61,000				2Fc Item 28	
Force Machine Facility (Pomona)	65			Note 2 below							
Force Machine Facility (NI)			65	175,000	65	175,000	65	175,000	-	2Fc Item 15	2Fc Item 9
Satellite Earth Sta (Corona)	15										
Satellite Earth Sta (NPGS)			15	406,000			15	406,000	2Fc Item 27		2Fc Item 22
Satellite Earth Sta (PhD)					15	402,000				2Fc Item 30	
Other 1-Time Move Cost (Tbl 2Fc)	Note 3			8,521,000		7,601,000		8,256,000	2Fc	2Fc	2Fc
COBRA TOTAL			1390	Note 4	1390	Note 4	1390	Note 4	2B	2B	2B
Non-COBRA TOTAL			1628	2,480,000	1628	2,632,000	1628	2,655,000	2Fc	2Fc	2Fc
TOTAL Note 5			3018	11,001,000	3018	10,233,000	3018	10,911,000	2Fc	2Fc	2Fc

Note 1 Inadvertently left out of the Table 2Fc item list for one-time unique moving costs.

Note 2 Did not cost out this one-time unique move item for the Basic Scenario only.

Note 3 Includes one-time unique labor and material cost associated with the Table 2Fc equipment.

Note 4 All of the tons in the COBRA total are included in Table 2B; the moving cost is calculated by the model. The Non-COBRA total includ[illegible]oing cost for equipment tons not included in Table 2B.

Note 5 Includes tons for all Table 2B and Table 2[illegible]s; but not COBRA model moving cost.

QUESTIONS AND ANSWERS
9 DEC 1994
(15:31)

ENCL (7)

QUESTION 7C

METROLOGY RTD&E: Provides scientific and technical authority for all Navy Metrology, executes all engineering for metrology requirements, measurement standards development, calibration procedures development, laboratory facility requirements documents, intervals, etc. for all Navy SEA, AIR, SP and Marine Corps systems. Executes Navy's Technical Agent role within the Joint Logistics Command (JLC); performs engineering, studies and support consistant with the JLC. Executes the Navy's Metrology R&D program for development of measurement standards (and their procurement) to meet future needs.

GAGE RDT&E: As scientific and technical authority for all the Navy Physical Interface Gage Program, executes all engineering and laboratory functions for gage requirements to ensure dimensional and functional interchangeability for weapon systems at major section interfaces through dimensional analysis and measurement, in order to assure the safe and reliable operation of Fleet weapons systems. This service is provided to all Navy SEA, AIR, and SP weapon systems. Executes Navy's Technical Agent Role within the Joint Logistics Command (JLC), and performs interface analysis and studies to assure interchangeability of weapon components/ammo service wide.

RDT&E

TEST SET CERTIFICATION: Performs engineering analysis of test systems used in the acquisition, maintenance, and repair of NAVSEA/NAVAIR weapons systems. Reviews test system hardware, drawings, software and associated documentation in conjunction with weapon system specifications and proposed test methods to ascertain technical correctness of testing. Requires large technical library, numerous computer work stations and computer complex to simulate test system and execution software.

In Scenario A, those functions associated with Air Weapon Test Set Certification are transferred to NAWC China Lake. Those functions associated with Surface Weapon Test Set Certfication are transferred to NSWC Port Hueneme.

ENVIRONMENTALLY CONTROLLED WAREHOUSE/PRECISION MACHINE SHOP: The environmentally controlled warehouse is required to store the 18,000 special interface gages used in the Gage program. Temperature and humidity control is required to keep rust from building up on the gages and damaging them. The environmentally controlled machine shop is required to repair and modify special interface gages. Accuracies to 0.0001 inch are required. Square footage is based on the footprint of the equipment stored and used.

PERFORMANCE ASSESSMENT RDT&E: Performs engineering analysis and assessment of missiles, weapon systems and sub-systems, platforms, and multi-ship exercises including integration of outer-air battle and electronic warfare for NAVSEA, NAVAIR, and Fleet sponsors. Also, supports OPTEVFOR in OT/DT testing in the reconstruction and analysis/assessment areas. Requires large amount of classified work areas, strong rooms and SCIF spaces, as

9 December 1994

MEMORANDUM
From: CDR Mark Samuels (BSAT)
To: CDR Dave Leslie (XO NWAD)

Subj: **COBRA SCENARIO DATA CALL RESPONSES (SCENARIO 3-20-0212-039 CLOSE NWAD CORONA)**

Ref: (a) My 1 December 1994 memo

1. Here are more questions generated from my review of your responses to Ref (a).

a. Gages:

(1) Please provide a list of the gages (interface or otherwise) that you calibrate/repair. Provide a short description of what the gage is used for. Data Call #5 indicates that you maintain over 20,000 such gages (18,000 in your response to Ref(a)). I don't need a list 20,000 items long, so try and aggregate them in some logical grouping so I can give the BSEC a good understanding of the diversity of this function.

(2) Your historical & projected workload (Units of Throughput) for gage certification and calibration show an average decrease from '86-'93, but level or increasing from '94-'01. While at the same time your budgeted workyears decline from the '86-'93 levels. How is this trend reversal explained?

b. MILCON:

(1) Interface Gage Lab: The NOC 11/27/94 memo (response to my 11/26/94 questions) indicated that 19,300 SQFT was included in Table 3-B for this lab. Your NWAD Facilities Requirements table provided in response to question 7.b. of Ref (a) indicates that this lab only needs 12,100 SQFT. What happened to the other 7,200 SQFT? Is that the Gage RDT&E requirement of 7,202 SQFT?

c. One-Time unique Moving Costs: The following questions refer to your responses to my question 9 of Ref (a).

(1) Item 23-25 "Misc Equipment": Page 9 indicates that the weight of Items 23-25 of Page 2-14 of the basic scenario is included in the weight of Item 20, yet you indicated verbally that Items 23-25 have not been purchased yet, please explain.

(2) Page 9 indicates that Item 27 of Page 2-14 of the basic scenario is 17.5 tons, yet the NWAD Corona Equipment Tonnage & Moving Cost table appears to indicate that 33 tons (18 + 15), which is consistent with the explanation of Item 27 on page 13 & 14. Please explain.

(3) Are the weights listed in the table starting on page 8 (which details weights

included in Table 2-B) additive to the weights listed on pages 9 thru 14 for Items 1 thru 28? Only Items 12, 18 & 19 responses indicate that the tons reported are not in Table 2-B. Most of the numbers are consistent and wouldn't appear to be additive, yet some appear to be conflicting such as question 1.c.(2) above.

(4) CONEX Boxes: Why are 14 tons separated from the 152 tons? Why low-boys? CONEXs will fit on regular flatbeds.

(5) Items 21 & 22 - Teardown Build-up of Comm Switches: During previous conversation you indicated that the reason this equipment is being torn down and built-up by contractor is because it is still under warranty. How much longer is the warranty effective? What was the contract line item cost for the warranty, or the estimated cost if not separately priced?

(6) "Command & Control Equipment": This sounds like a tech library. What is it used for? Why is it called Command & Control"?

M.B.SAMUELS
CDR,CEC, USN

Copy to: NAVSEA (Mr. Jim Logan/Ms Judith Atkins) Fax (703) 602-0541

9 Dec 94

From: Commander, Naval Warfare Assessment Division
To: CDR Mark B. Samuels (BSAT)

Subj: BSAT SCENARIO 3-20-0212-039

Ref : (a) BSAT (CDR M. Samuels) memorandum of 9 Dec 1994
(b) NWAD memorandum of 4 Dec 1994

Encl: (1) Naval Warfare Assessment Division Response to BRAC-95 Scenario Development Data Call 3-20-0212-039 Questions

1. This command's response to the questions of reference (a) is provided in enclosure (1).

D. R. Leslie
by direction

CC to: NOC Clint Helper

Naval Warfare Assessment Division
Response to BRAC-95 Scenario Development Data Call 3-20-0212-039 Questions

Question 1a(1)

The interface gages are used for the following:

An acceptance device used to assure dimensional, physical, and functional interchangeability of major interfaces for weapons and combat system requirements.

A Fleet assurance device that provides data to gun fire-control equations

A Fleet assurance device used to ensure weapon system components are within wear limits.

Gages are provided to the following customers:

NAVSEA	NAVAIR	OTHER
STANDARD MISSILE	HARPOON	TRIDENT
RAM	SPARROW	TOMAHAWK
MINES	BOMBS	SURFLANT
TORPEDOES	SIDEWINDER	SURFPAC
GUNS	ROCKETS	NASA
PROJECTILES	NAWC	VARIOUS
VLS/ASROC	CON AMMO	CONTRACTORS
SHIPYARDs/WPNSTAs		
CON AMMO		

NAVSEA maintains approximately 9,225 gages, NAVAIR 5,670, and other commands maintain 4,750 for a total of 19,645.

The following provides some information on types, sites, and uses of these gages:

Torpedo Tube Bore Gage
Weight: 4,000 lbs
Size: 18' x 21'
Used to simulate MK48 torpedo. Checks launch tubes for proper tolerances.

76MM Gage
Weight: 15 lbs
Size 8" x 3"
Used before firing to assure projectile will pass through bore.

5" Bore Plug
Weight: 40 lbs
Size: 15" x 5"
Used before firing to assure projectile will pass through bore.

84" 0 D-5 First State FWD Joint Gage
Weight: 5,000 lbs
Verifies true position of 168 holes to assure proper missile section mating (first stage aft and second stage forward).

Wing Socket Interface (SPARROW)
Weight: 25 lbs
Size: 20" x 5" x 3"
Checks wing to socket interface to assure lockdown of wing to missile.

Compiling Ring Gage
Weight 1/2 lb
Size 5" x 2" x 1"
Verifies depth of vee groove at .367" datum depth.

VLS Tubes
Weight: 9,000 lbs
Size: 27' x 2'
Used to check the missile vertical launch tubes on the 688 class submarines

Enclosed are some pictures and descriptions of other gages we certify. These demonstrate the various sizes of the gages we work with.

Question 1a(2)

The data we provided was based on 20-years of historical data on interface gages. The data shows increases and decreases in the distribution of the gages which goes in three year cycles. Numbers in this 3-year cycle spike up and down within this cycle, but averages out over a long period of time. Also, the mix of gage types varies (some gages are more labor intensive than others). The average number of gages certified and shipped from 1986 to 1993 is 3,878. Our projections from 1994 to 2001 show the average of this number falling to 3,230. The average budgeted work load from 1986 to 1993 is 32,358 hours. The projections of 31,000 hours shows a decrease in work years corresponding to the decrease in the average number of gages certifications and the projected mix of these gages.

As can be seen, we did not show an increase in units of throughput from 1994 to 2001, we show a decrease. This decrease is consistent with the projected decrease in budgeted workyears.

Question 1b(1)

1b(1) The NWAD facility requirements table provided in response to question 7b of your 1 December 1994 memorandum is correct. The Interface Gage Laboratory requires 12,100 sq. ft. The problem was in a miscommunication with the NOC which resulted in a 7,200 sq. ft. computer room (Level III) inadvertently being combined with the Interface Gage Laboratory square footage. The 7,200 sq. ft. computer room is associated with the Warfare Assessment Laboratory (WAL) and houses several computers (DGs/UNIVAC/VAXs, etc.) which support the WAL through an interconnected secure LAN. This computer room is outside the WAL (in Bldg 509), but associated with WAL functions as well as other engineering functions.

Question 1c(1)

1c(1) In the 4 Dec 94 NWAD Scenario response, miscellaneous equipment for items 23 ($6K for 1998), item 24 ($8K for 1999), and item 25 ($1K for 2000) were rolled up into the previous item 20 ($1892 for 2000). Items 23, 24, and 25 are shipping costs for WAL equipment to be purchased in 1998, 1999, 2000 with annual CPP funds. The WAL CPP equipment lists exist, but the actual equipment will not be delivered to Corona until the years shown.

Question 1c(2)

1c(2) You are correct. The Earth Station/APAN equipment was inadvertently omitted from the One-Time Unique Moving Costs table, item 27 on page 9 of our 4 Dec 94 response. This item should read:

27	Ground Station Earth Satellite/APAN	33	No

Question 1c(3)

1c(3) The weights are not additive because they are addressing the same equipments. However, in three cases in the table in page 8, (PC/Workstations, safes, and Ground station) an error exists for the tonnage. For PC/workstations, the correct figure is 91.9 tons and for safes the correct figure is 91.2 tons. Item 27, Ground Station was explained in the answer to question above, 1c(2). New pages 8 and 9 which reflect these changes are included.

Question 1c(4)

1c(4) The weight of seven CONEX boxes was included with the original Table 2B data call response as gross tonnage for which the COBRA model would calculate the moving cost. All other on-station CONEX boxes are included in the one-time unique moving costs listed in Table 2-F.

All one-time unique moving costs were estimated under the assumption that flatbed trucks would be needed for shipping the CONEX boxes. We do not have a requirement for using

low-boys. Our response of 5 Dec 94 (p. 12) indicating "by low-boy trucks" should be corrected to read "flatbed truck."

Question 1c(5)

1c(5) The warranty for the NWAD communication switches is effective until March 1995, at which time a 7-year maintenance agreement will take affect. Cost for the agreement is not broken out as a separate line item, but is a level of effort cost. The average yearly maintenance cost is $72.6K.

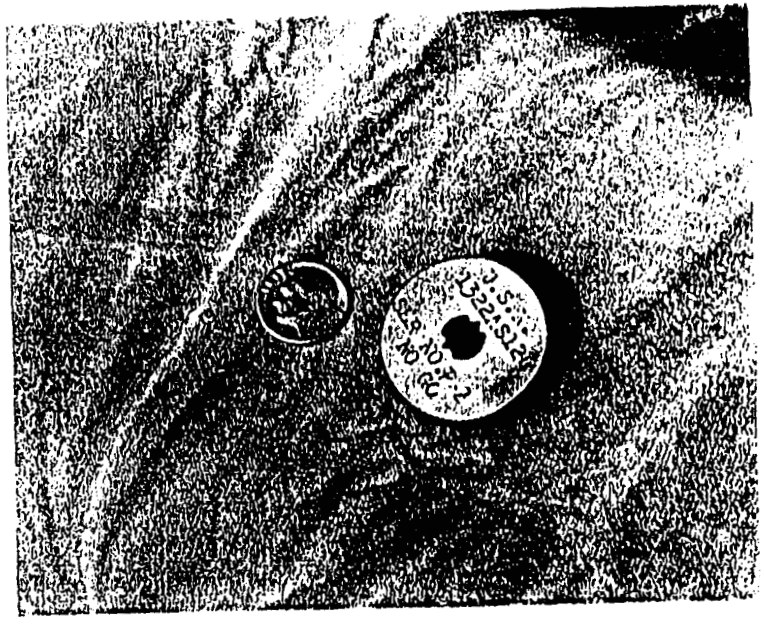
Question 1c(6)

1c(6) Command and Control Equipment refers to information management resources in the Command central computing facility supporting command centralized data retrieval, manipulation, storage, and report generation functions, as well as data communications and networking control necessary for communicating with other NAVY, DOD, private industry activities, and the Fleet. Information resources include computer systems and associated on-line data-bases and file servers, data-communications and networking control systems, as well as associated peripheral equipment and extensive data storage space. Specific equipment includes:

UNISYS 1100/93 Mainframe computer and on-line data-base equipment
6 Data General (DG) computers (MV series) and on-line data-base equipment
SUN 690 computer
AVIION computer
Data communications/networking front-end management systems

GAGE 1322AS124

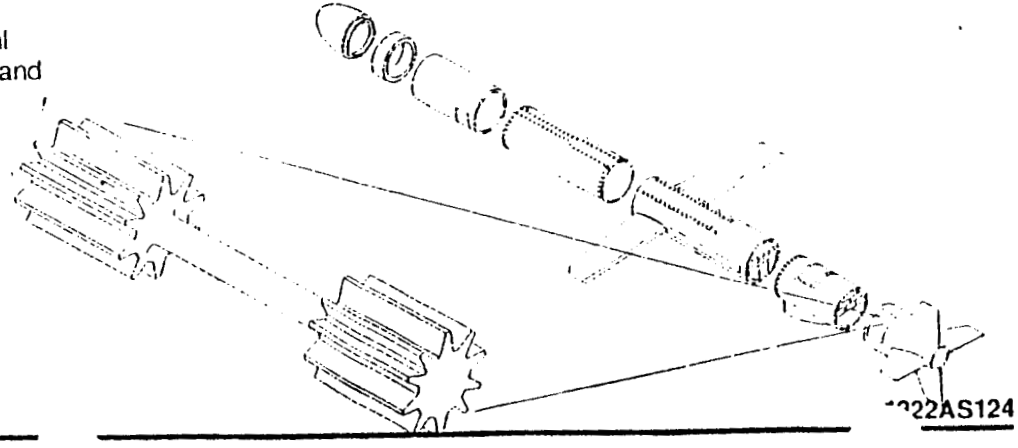
QUILL SHAFT SPLINE NO GO GAGE



DRAWING NUMBER	1322AS124
NAME	Quill Shaft Spline No Go Gage
COMPONENT CHECKED	Quill Shaft
PURPOSE	The purpose of the Quill Shaft Spline No Go Gage is to check the minimum material condition of the Quill Shaft Spline, the mating shaft between the jet engine and the generator.
LOCATION	Pacific Scientific, Santa Barbara, CA
ACCURACY	Gage features meet or exceed the following limits: Size: +/- .0001
CERTIFICATION CYCLE	12 months
FIRST DEPLOYED	1987
PROCUREMENT COST	$1200
WEIGHT	12 oz.
APPROX SIZE	2" diameter

SCALE
4 IN

MISSILE COMPONENT CHECKED
QUILL SHAFT

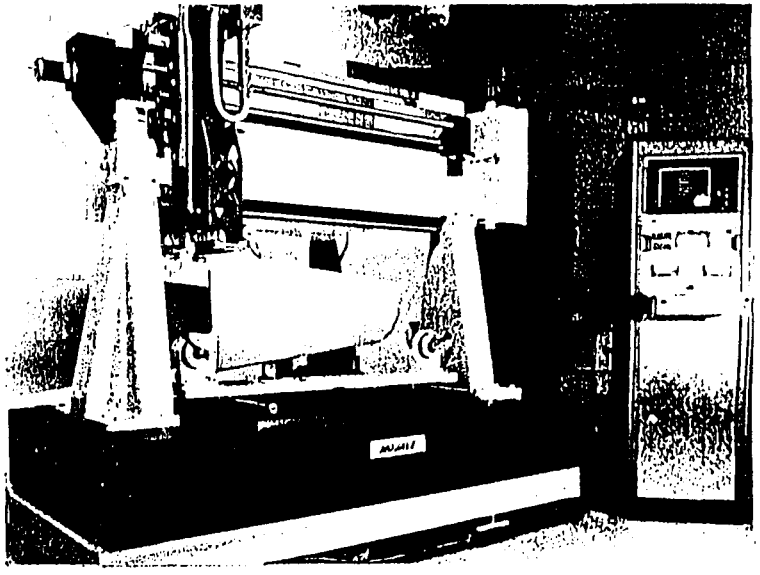


ATTRIBUTES VERIFIED ON QUILL SHAFT

Verification of spline attributes involves checking several individual characteristics of the spline including: pitch diameter, tooth size, and tooth spacing.

GAGE 1322AS130

WING GAGE



SCALE 8 FT

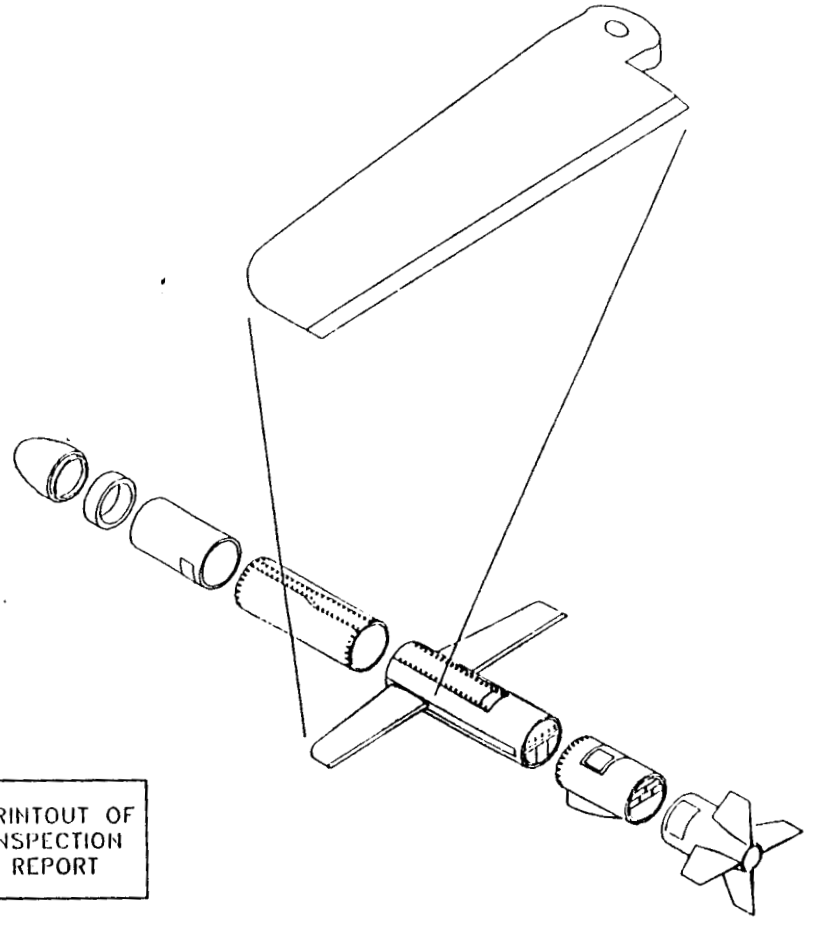
DRAWING NUMBER	1322AS130
NAME	Wing Gage
COMPONENT CHECKED	TOMAHAWK Wing, 76Z8728
PURPOSE	The purpose of the Wing Gage is to locate the manufacturing chord plane (MCP) of the wing and determine angle of incidence and twist relative to the MCP. Information is provided to the wing manufacturer to perform a wing matching routine.
LOCATION	Edwards Aerospace, Irving, TX
ACCURACY	Gage features meet or exceed the following limits: X-axis within .0015 Y-axis within .0010 Z-axis within .0015
CERTIFICATION CYCLE	12 months
FIRST DEPLOYED	1993
PROCUREMENT COST	$250,000
WEIGHT	4,000 lbs.
APPROX SIZE	8' L X 4' W X 7' H
COMMENTS	Wing measurement data (incidence, twist, and dihedral) are used to match a pair of wings such that aileron trim to compensate for wing variations will not exceed +/-3.5 degrees.

ATTRIBUTES VERIFIED ON WING

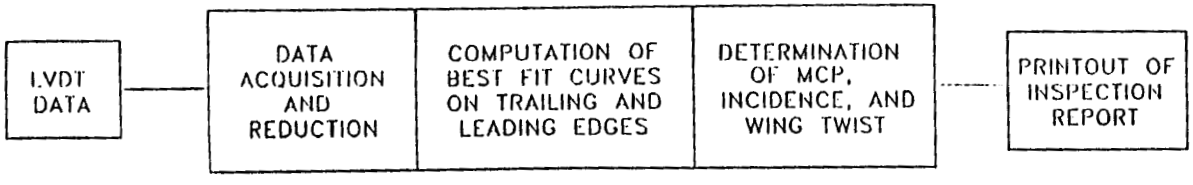
Angle of incidence at wing station 10.75 relative to pivot pin hole.
Leading edge twist between wing stations 10.75 and 45.82.
Wing dihedral.

MISSILE COMPONENT CHECKED

WING



GAGE SYSTEM DIAGRAM

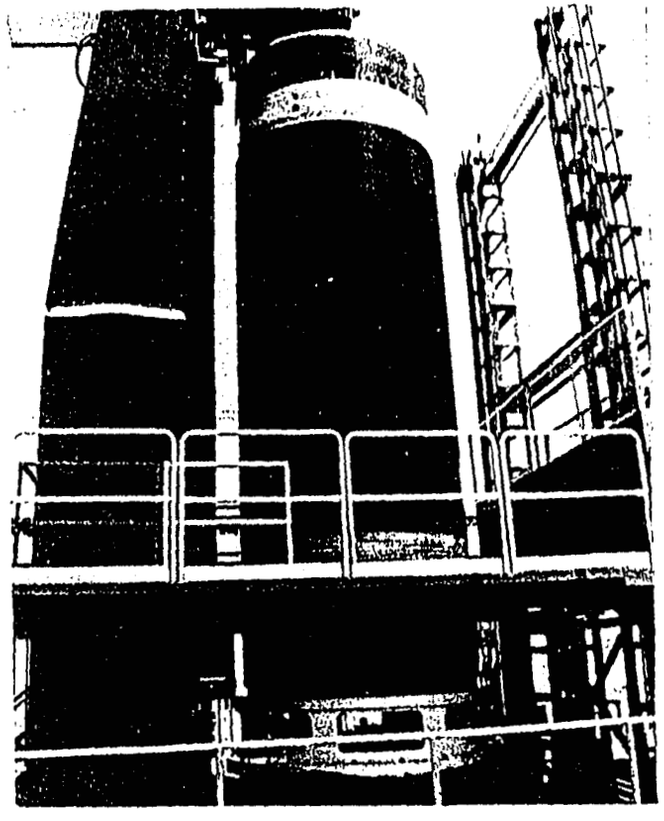


GAGE /76601

FIRST STAGE MOTOR GAGE

DRAWING NUMBER	5776601
NAME	First Stage Motor Gage
COMPONENT CHECKED	F/S Motor, Loaded, Contractor P/N 5642111
PURPOSE	The purpose of the First Stage Motor Gage is to verify attributes on loaded rocket motors for government acceptance. (Over 40,000 data points). It verifies coordination requirements with launcher, interface requirements with other major missile sections, and interface requirements with ignitor and nozzle.
LOCATION	Hercules Aerospace Corp., Magna, UT
ACCURACY	Gage features meet or exceed the following limits: Size: +/-.0001 Position: .0001 Concentricity: .0001 Roundness: .0001 Length: +/-.00005
CERTIFICATION CYCLE	12 months
FIRST DEPLOYED	1984
PROCUREMENT COST	$2.5 million
WEIGHT	100 TONS
APPROX SIZE	15'L X 20'W X 35'H

COMMENTS



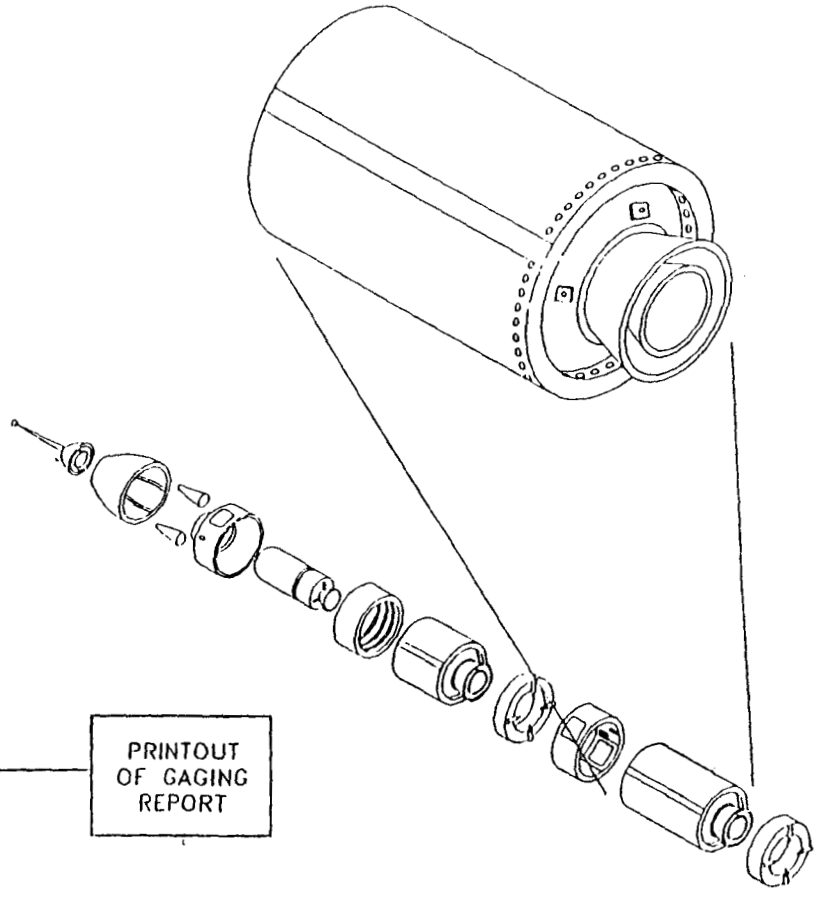
SCALE |——————| 12 FT

ATTRIBUTES VERIFIED ON FIRST STAGE ROCKET MOTOR

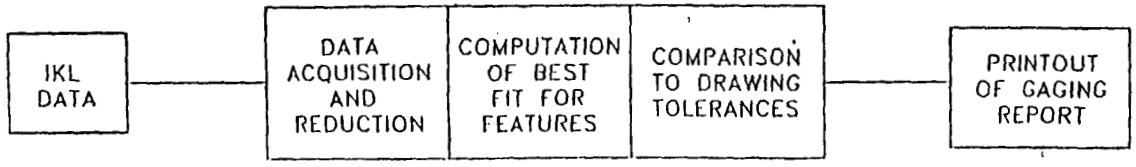
Datum -F- diameter 82.554 +/-.010.
Datum -F- to be round within .050.
Body diameter cylinder 83.000 +.205 -.190.
Body diameter concentric to -A- within .214.
Aft port diameter 39.100 +.013 -.007.
Aft port diameter concentric to -A- within .080.
Fwd port diameter 21.450 +.010 -.005.
Fwd port diameter concentric to -A- within .060.
Datum diameter -E- 81.500 +/-.030.
Datum diameter -E- to be round within .050.
Length -C- to -D- 252.900 +/-.070.
Overall length port to port 260.03 +/-..50
Datum -D- perpendicularity .080 to -A-.

MISSILE COMPONENT CHECKED

FIRST STAGE ROCKET MOTOR



GAGE SYSTEM DIAGRAM



Change Pages to

Responses to Scenario Clarification Questions

from BSAT of 1 Dec 94

g. What is the same breakout for Table 2-B Mission/Support Equipment costs?

Support Equipments listed in "TONS OF SUPPORT EQUIPMENT" of NWAD XO 30 Nov 94 memo consists of miscellaneous ADP equipment, (i.e. 76 PC's , 7 workstations, 46 printers/plotters), Command Library (occupying 645 square feet consisting of books, files periodicals, & other information), and related support equipment (microfiche, computers, etc.), and GFE utilized by contractor personnel to support across-breadth-of-Command direct functions. Specifically this equipment includes reprographics, micrographics, data entry hardware, and office equipment.

9. One-Time Unique Moving Costs (P 2-13): Let's go through line-by-line to determine:

a. What each line item it includes.
b. Tonnage.
c. What it is for (which facility).

The following table delineates if shipping costs for the items listed in section **c. One-Time Unique Moving Costs** are included in Table 2-B.

Item	Description	Tons	Shipping Costs Included in Table 2-B
1-3	PCs/Workstations	91.9	Yes
4-5	Safes	90.2	Yes
6-8	HAZMAT	4	No
9-11	Downtime	N/A	N/A
12	Gage Equipment	1100	No
13-14	Technical Library	314.3	Yes
15-17	Productivity Loss	N/A	N/A
18	CONEX Boxes	152	No
19	Open Classified Storage	41	Yes
20	WAL	171	Yes
21-22	Communication Switches	31	No

23-25	Miscellaneous Equipment	*	Yes
26	TELCOM/TM/WISS	430.8	No
27	Ground Station	32.5	No
28	Data Proc. Comp. Lab	6.2	No

* Included in item 20.

This information will be provided for each of the items listed in section **c. One-Time Unique Moving Costs** as follows:

Items 1-3 - Packing and materials for PCs, peripherals, servers, and workstations equipment.

NWAD performs a significant amount of classified data processing and analysis using workstations, PCs, and other ADP resources. Classified data stored on these ADP systems must be off-loaded onto removable media and all non-removable media declassified in accordance with ADP security guidelines. In addition, all mission critical files (sensitive unclassified) are backed up onto removable media and the systems packed for shipment. These costs are included as they are over and above those calculated within the COBRA model standard office space calculations. This equipment is used to support the measurement science, performance assessment, quality assessment, and system engineering work centers. Total weight of this equipment is identified as follows:

Description	**Total Tons**
PCs	50.7
Peripherals	28.3
Workstations/Servers	12.9
Total	91.9

QUESTIONS AND ANSWERS
9 DEC 1994
(19:18)

ENCL (8)

9 December 1994

MEMORANDUM
From: CDR Mark Samuels (BSAT)
To: CDR Dave Leslie (XO NWAD)

Subj: **COBRA SCENARIO DATA CALL RESPONSES (SCENARIO 3-20-0212-039 CLOSE NWAD CORONA)**

1. The following questions were generated from my review of Alternatives A & B. It appears that everything else in those two alternatives matches the basic scenario.

a. Please explain and itemize the telephone system upgrades at each location. How are they calculated?

b. I understand from my conversation with John Fishell that the telephone systems upgrade costs are in lieu of moving the communications switch from NWAD. What facility/function drives the reqirement for this? Why doesn't it move in each scenario with that facility/function? Why are the cost different ($265K delta) to move it to NPGS in the basic scenario and Alt B? If the requirement can be satisfied at five different sites in Alt A for only $148K why should we spend close to $1M to move it at all?

c. Why do the phone switch lease costs at NPGS vary between the basic scenario and Alt B?

2. I will be in the office all weekend. Please have the answers to these questions (as well as yesterday's and the previous set from this afternoon) on my fax machine in the morning. I will be concentrating on the MILCON requirements tomorrow. Unless otherwise requested, if I need to discuss anything with you this weekend I will try John at home first.

3. Thanks for your quick response.

R,

M. B. SAMUELS
CDR, CEC, USN

Copy to: NAVSEA (Mr. Jim Logan/Ms Judith Atkins) Fax (703) 602-0541

9
8 Dec 94

From: Commander, Naval Warfare Assessment Division
To: Base Structure Analysis Team

Subj: BSAT SCENARIO 3-20-0212-039

Ref: (a) BSAT (CDR M. Samuels) memorandum of 9 Dec 1994
(b) NWAD memorandum of 4 Dec 1994

Encl: (1) Naval Warfare Assessment Division Response to BRAC-95 Secnario Development Data Call 3-20-0212-039 Questions

1. This command's response to the questions of reference (a) is provided in enclosure (1)

D. R. LESLIE
by direction

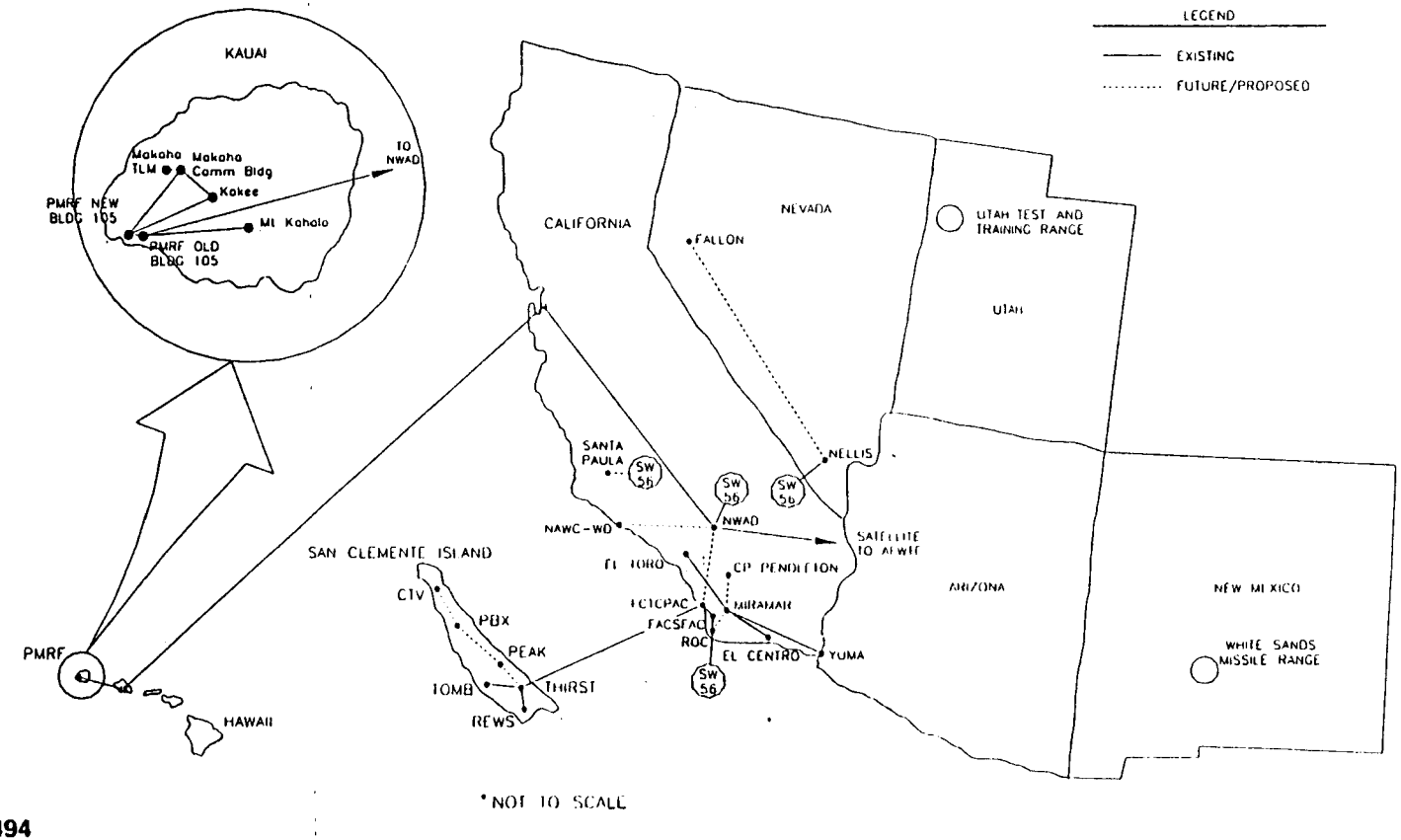
Copy to:
NOC (Clint Hepler)

NAVAL WARFARE ASSESSMENT DIVISION, CORONA

NWAD

DATA COMMUNICATIONS INTERCONNECTIVITY (CONTD)

WEST COAST TELECOMMUNICATIONS NETWORK



*NOT TO SCALE

REV0494

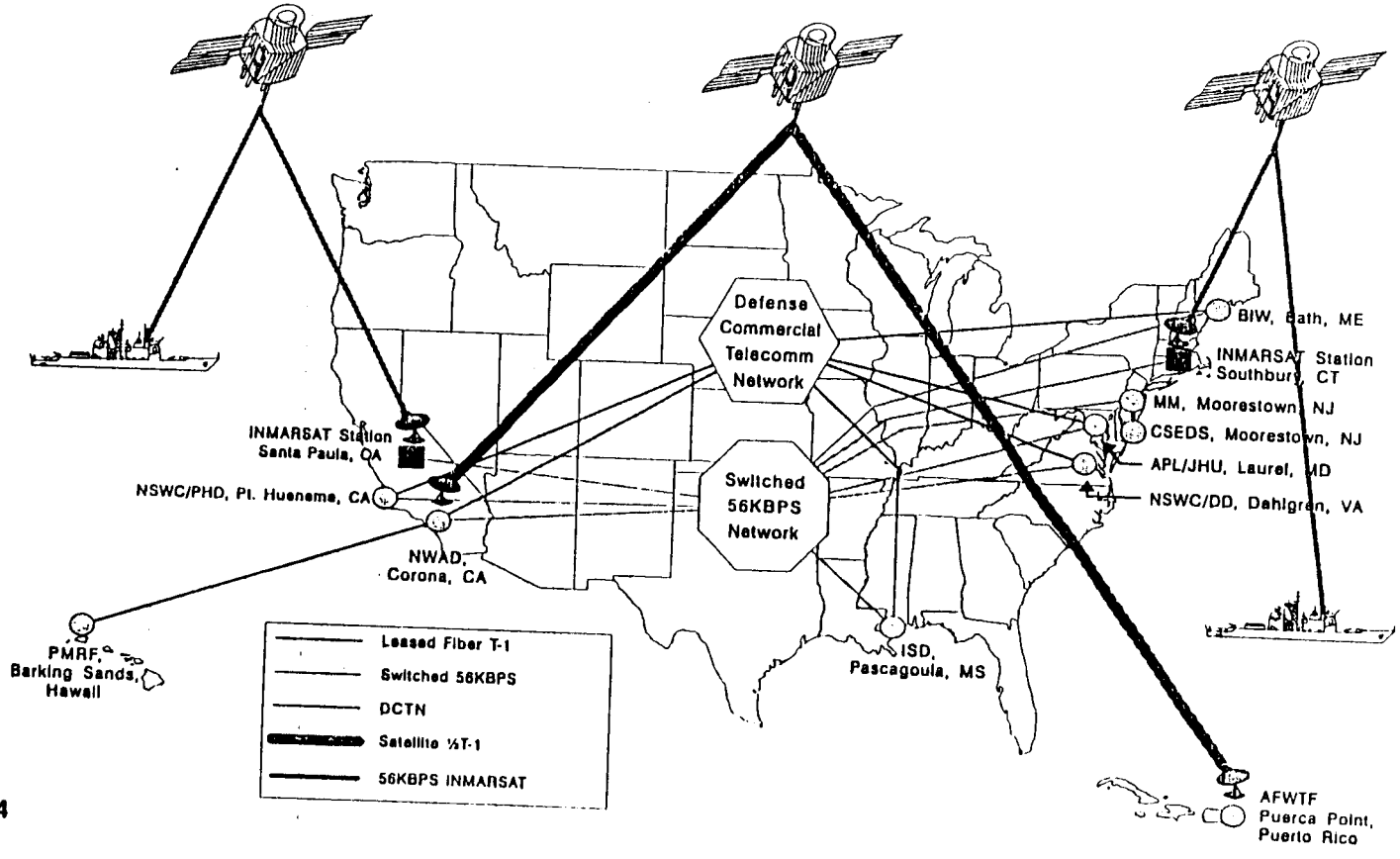
A0964.010

NWAD

NAVAL WARFARE ASSESSMENT DIVISION, CORONA

DATA COMMUNICATIONS INTERCONNECTIVITY (CONTD)

AEGIS PERFORMANCE ASSESSMENT NETWORK



REV0494

A0964.009

QUESTIONS AND ANSWERS
10 DEC 1994

ENCL (9)

Department of the Navy
Base Structure Analysis Team

BSAT

Date: 10 December 1994 **1645 hrs**

From: CDR Mark Samuels
Office: (703) 681-0481
Fax: (703) 756-2174

To: CDR Dave Leslie
Org: NAVSEASYSCOM
Office: (909) 273-5567
Fax: (909) 273-4205

Subj: BRAC-95 SCENARIO DEVELOPMENT DATA CALL TASKING - SCENARIO 3-20-02121-039 (CLOSE NWAD CORONA. MOVE NECESSARY FUNCTIONS TO NPGS MONTEREY)

Dave,

Please see attached memo.

R.

M. B. SAMUELS
CDR, CEC, USN

Copt to: NAVSEA (Mr. Jim Logan/Ms Judith Atkins), Fax: (703) 602-0541

TOTAL PAGES 2 (INCLUDING THIS COVER SHEET)

10 December 1994

MEMORANDUM
From: CDR Mark Samuels (BSAT)
To: CDR Dave Leslie (XO NWAD)

Subj: **COBRA SCENARIO DATA CALL RESPONSES (SCENARIO 3-20-0212-039 CLOSE NWAD CORONA)**

1. Please answer the following questions:

a. I need the Billet Comparison table to start with the 883 civilian positions that you will have at the end of FY2001 after all planned force structure reductions are taken, and show how you get to the 617 civilian positions that are moved. Divide the billets among all the facilities/capabilities that you have listed for the Facilities Requirements table. I need to have them identified with all the facilities including the RDT&E facilities (i.e. Metro, Gage, PA, QA, SE, Test Cert) and the Level III Strong rooms. If some space is reserved for visiting personnel please indicate that space and state who they are, and what they are doing during their stay, including average duration. I understand that the WAL has many visitors, your response to yesterday's questions indicated that the Lab spaces are sometimes used by visitors too.

b. Please prioritize the importance of your functions/capabilities to Fleet readiness. Provide a list that orders them from most important at the top to least important. A statement that all are important, or only Function Y and Function Z are not highly important, is not going to be very helpful. Try to provide one #1, one #2, etc. The function/capability categories should match the breakouts provided in the Facilities Requirements, Billet Comparison and Equipment Tonnage & Moving tables.

c. Describe the requirement for environmentally controlled warehouse. What portion of this space requires a controlled environment? What items are stored that require the controlled environment? What percentage of your warehoused equipment requires environmental control? What is the nature of the control: temperature, humidity, dust, UV, all four? If your quantity of throughput units is decreasing why is your space requirement for warehousing remaining the same? What percentage of this inventory is active (i.e. supports systems currently in use)? What reductions could be acheived by purging the inventory?

R,

M. B. SAMUELS
CDR, CEC, USN

Copy to: NAVSEA (Mr. Jim Logan/Ms Judith Atkins) Fax (703) 602-0541

10 Dec 94

From: Commander, Naval Warfare Assessment Division
To: CDR Mark B. Samuels (BSAT)

Subj: BSAT SCENARIO 3-20-0212-039

Ref : (a) BSAT (CDR M. Samuels) memorandum of 10 Dec 94
(b) NWAD letter dated 9 Dec 94 which responded to BSAT (CDR M. Samuels) memorandum of 8 Dec 94.

Encl: (1) Naval Warfare Assessment Division Response to BRAC-95 Scenario Development Data Call 3-20-0212-039 Questions
(2) Revised NWAD Corona Equipment Tonnage & Moving Cost

1. This Command's response to the questions of reference (a) is provided in enclosure (1).

2. While reviewing the NWAD Corona Equipment Tonnage & Moving Cost table, which was included in our response in reference (b), we discovered errors in the tonnage columns within selected areas of the spreadsheet. A corrected spreadsheet is provided in enclosure (2).

E. G. Schwier

CC to: NOC (Clint Helper)

Naval Warfare Assessment Division
Response to BRAC-95 Scenario Development Data Call 3-20-0212-039 Questions
(10 Dec 94)

Attachment (A)	NWAD Modified Facilities Requirements Table
Attachment (B)	NWAD Mission
Attachment (C)	NWAD Inputs to NAVSEA Corporate Engineering Capabilities
Attachment (D)	NWAD Engineering Capabilities
Attachment (E)	One page consolidation of NWAD resulting from the NAVSEA Corporate Engineering Capabilities Examination Study

Question 1(a)

Billet Comparison Chart

The Facilities Requirements table has been modified to show billet information and is provided as attachment (A). The column titled "CP-7 (2001)" reflects the 883 civilian positions prescribed for the end of FY 2001.

If some space is reserved for visiting personnel please indicate that space and state who they are, and what they are doing during the stay, including average duration.

There is no space "reserved" for visitors. Rather, working spaces are used by teams evaluating recent fleet exercises or firing/DT/OT events. These teams consist of predominantly NWAD engineers, but do include visitors from the Program Offices, ISEA, and Fleet as applicable. These teams rotate into the WAL and are formed for the express purpose of conducting analysis of the most recent fleet event. The visitors support the analysis and receive debriefings on the reconstruction and analysis results. The team effort can typically run from one week for a series of missile firings to two months for a major FLEETEX or OPEVAL.

Question 1(b)

Please prioritize the importance of your functions/capabilities to Fleet readiness. Provide a list that orders them from most important at the top to lease important. The function/capability categories should match the breakouts provided in the Facilities Requirements, Billet Comparison, and Equipment Tonnage & Moving Costs.

MISSION INTEGRITY

In responding to this question, it is assumed that NWAD's mission as delineated in Data Call #1, pages 5 through 9 (provided in attachment (B)), is to remain intact. The official mission of the NWAD Command as used as input to NAVSEA'S Corporate Engineering Capabilities Examination Study conducted in January 1994 under VADM Malley's direction (page 3 of

NWAD input provided in attachment (C)) shows that NWAD's mission requires the independent and integrated assessment of nine basic engineering capabilities to "gauge the warfighting capacity of ships and aircraft, from unit to battle group level, by assessing the suitability of design, the performance of equipment and weapons, and the adequacy of training...". These nine engineering capabilities were included and listed in Data Call #5 in the Preface to TAB A (Vol 1 of 3), p. A-1 (provided in attachment (D)).

INTEGRAL ENGINEERING CAPABILITIES

These engineering capabilities are integrally linked for specific systems allowing the life cycle relationship of fleet training problems, systems performance, material quality and related testing to be examined. The resultant products are used for programmatic decisions affecting acquisition, operation and support. All, therefore, impact Fleet Readiness to a degree. The nine engineering capabilities are applied Navy-wide across numerous platforms, weapons/combat systems and programs in support of the full life-cycle from R&D through acquisition, in-service and retirement. Therefore, these nine engineering capabilities resulted in over 300 commodity/life-cycle intersections when answering Data Call #5 TAB A. The reason that these nine capabilities are co-located at NWAD is that, historically, omission of the use of these capabilities occurred when they were combined with other prime system acquisition or support activities resulting in detrimental impacts on platforms/weapons and Fleet Readiness.

RELATIONSHIP TO FLEET READINESS

In order to prioritize the importance of NWAD functions/capabilities to Fleet readiness, one must keep in mind that each of the nine capabilities is applied across numerous platforms and systems. Further, individual platform and program support vertically cuts through all nine capabilities such that a piece of each capability supports the others for the multitude of programs. This results in two major benefits to the Navy: (1) a consistant application of a discipline is uniformly applied across all programs which apply any of the nine engineering capabilities; thereby, allowing comparison to occur across programs and (2) programs which apply multiple engineering capabilities receive an aggregate of the lessons from the interrelationships of performance, training, material quality and test and measurement effectiveness to assist in making programmatic decisions and adjusting resources.

EXAMPLES

To demonstrate the benefits realized from this integrated relationship (which is somewhat complex) some examples may be useful. For example, Acquisition Reform provides top guidance to eliminate use of military standards (MILSTDs) where appropriate. NWAD's Quality Engineering capability is currently working across all applicable program managers as well as with ASN (RDA) to develop uniform application of this directive so that the Navy moves in an orderly fashion towards achieving the desired result without adversely impacting readiness through each program choosing what to abandon individually and modifying

contracts and acquisitions in an uncoordinated manner. Another example demonstrates the verticle interrelationships of the nine engineering capabilities and their use. The AEGIS program (as well as many others) utilize all of NWAD's engineering capabilities to some extent. This allows AEGIS to benefit from lessons learned in related programs such as Standard Missile, Theater Air Defense (TAD), Cooperative Engagement Capability (CEC), etc. as well as determine relationships of AEGIS unit performance (one engineering capability) to Fleet battlegroup performance (a different capability) to material reliability (another capability), etc. This allows for programmatic decisions to be made to adjust resources to best achieve AEGIS objectives through use of this information achieved across engineering capability lines.

ELIMINATION OF BILLETS PERFORMED TO DATE

As can be seen from the above, the relative worth of any single engineering capability to Fleet readiness is not easy to prioritize due to its interrelated nature with other capabilities. When NWAD was initially directed to obtain a 30% cost savings objective from the CP-7 Base Loading Data after all planned force structure reductions were taken, this required NWAD to cut from 883 civilian billets at the end of FY2001 to a total of 617 which were achieved through eliminating 266 billets, 102 of which were direct-funded mission work. These cuts were selected by taking pieces out of all nine engineering capabilites so as not to destroy the NWAD mission. If one were to further reduce NWAD's FY2001 billet numbers (and corresponding space, etc.), one would continue to cut pieces and programs rather than eliminate an entire capability. To do otherwise would be to change the NWAD mission which is inconsistent with the basic assumption herein.

PRIORTIZATION ISSUES

Prioritizing functions to their relative importance to Fleet Readiness is something that the Navy has yet to achieve generally, at any level. Being an echelon IV command, it would be inappropriate for NWAD to prioritize our own capabilities by our views, when our echelon III and II commands must not only concur, but agree on our prioritization scheme which may not agree with broader Navy views.

Should one be required to prioritize NWAD's engineering capabilities to effect elimination of one or more, then consideration needs to be made of the fact that NWAD's mission will be substantially altered and advances made by integrating these functions (along with associated savings achieved) will be lost. Attachment (E) is a one-page consolidation of NWAD resulting from the NAVSEA Corporate Engineering Capabilities Examination Study directed by VADM Malley earlier this CY for any assistance it may be to you.

Question 1(c)

Describe the requirement for environmentally controlled warehouse. What portion of this space requires a controlled environment? What items are stored that require controlled environment? What percentage of your warehoused equipment requires environmental control?

The certification of gages is a temperature and humidity dependent process. Wide swings in either of these parameters can cause rust and dimensional variations. The table below shows the interface gage warehouse environmental requirements. Three different types of warehouse and storage space are required. The most stringent requirement is for space required prior to and during the gage certification process which must be tightly controlled and includes the precision machine shop. The environmentally controlled warehouse space is for longer term storage of gages which are susceptible to damage by large variations in temperature and humidity. The uncontrolled space is utilized for gages which will not be damaged by temperature or humidity changes, but do require enclosed storage to keep the gages out of the elements. These spaces are broken out and shown in the following table.

Warehouse Requirements	Items Stored	Square Feet	%	Temp	Humd	Dust	UV
Uncontrolled Warehouse	Interface Gages	5,734	0	N/A	N/A	N/A	N/A
Environmental Warehouse	Interface Gages	12,000	52	75^{0f} +/- 5^{0f}	20-50%	N/A	N/A
Precision Machine Shop and Gage Holding Area	Interface Gages	5,166	23	78^{0f} +/- 1^{0f}	40% +/- 10%	N/A	N/A
Total		22,900	75				

If your quantity of throughput units is decreasing why is you space requirement for warehousing remaining the same? What percentage of this inventory is active (i.e. supports systems currently in use)? What reductions could be achieved by purging the inventory?

Currently we have storage capacity for about 14,000 gages. The total gage inventory is approximately 19,650. On the average, we have between 4,000 and 6,000 gages located on-site and are in use to meet production capacity requirements. As requirements for these gages decrease, the gages at the remote sights are returned for storage. As a result, the gage storage warehouse operates continuously at near maximum capacity. Therefore, we are forced to purge as many gages as possible to not exceed our maximum storage space. We plan to purge between 700-800 gages in FY 95. The storage spaced freed up from purging these gages is then used to store gages recently manufactured to certify new weapons

QUESTION 1.a. The current telephone system requirements to support NWAD (Corona and Pomona sites) are 1,543 commercial lines. This includes 16 DSN lines, 13 T-1 lines capable of transmitting 1.544 KBITS/SEC data, 20 4-wire circuits (supporting analog and 56 KBIT/SEC systems), and 350 dedicated non-voice communication lines. The current switch capacity at NWAD has the capability of supporting 2,288 lines in its current configuration, upgradeable to 3,328 lines. These requirements were transmitted to each potential gaining site for use in their response.

NWAD serves as the central site for collection of Fleet training and T&E exercise data.

Dedicated commercial and government telecommunications circuits have been installed which link the NWAD Warfare Assessment Laboratory with T&E ranges and training ranges located at various worldwide locations. These telecommunications circuits provide realtime and post exercise data critical for performance assessment feedback to the Fleet. Time Space Position Information (TSPI), voice communications, EW data, video data, weapons data, combat system data, and missile telemetry data are collected in support of the following programs:

Tactical Air Combat Training System (TACTS)
AEGIS Combat System
Missile system data (TOMAHAWK, STANDARD MISSILE, SPARROW, etc).

Further information is provided in the attached enclosures.

The Naval Postgraduate School (NPS) telephone switch is at or near fully capacity. The cost of a new switch equivalent to that installed in Corona is $913,705 (based on actual FY 93 cost at NWAD), excluding labor. Installation labor cost for a new switch would be $1,100,000 cost was provided to BSAT on 29 Nov 94. The difference between the one time unique moving costs is the basic scenario ($435K + $525K) and labor costs ($480K) is associated with retrunking and recabling at NPGS.

In scenario A, the breakup of NWAD among five sites, we assumed that the special communication requirements outlined above would be able to be absorbed by NAWC Pt Mugu and NSWC Port Hueneme, as NSWC Port Hueneme is an existing node on the system. All other requirements are for voice communications only, with significantly lower line number requirements. The receiving sites have additional capacity and are capable of absorbing these requirements, and the costs ($148K) are for relatively minor upgrades to these existing systems.

In scenario B, the labor costs associated with the installation of the switch, as well as the retrunking and recabling, were reduced because of the smaller population being transferred to

NPS. The costs in the basic scenario were reduced to 72%, reflecting the population difference.

QUESTION 1.b. See 1.a

QUESTION 1.c. The lease costs vary because the move plan in the basic scenario takes place in 1998, 1999, and 2000. In scenario B, the move plan is over 1999 and 2000. Phone lines need to be leased during the moving phase to allow service at both the losing and gaining sites until switches can be moved/re-installed.

2. Both CDR D. Leslie and John Fishell may be contacted should you need further clarification over this weekend. Dave's beeper number is 909-340-8523; John's beeper number is 909-340-8524 should you be unsuccessful with home phones.

9 December 1994

MEMORANDUM
From: CDR Mark Samuels (BSAT)
To: CDR Dave Leslie (XO NWAD)

Subj: **COBRA SCENARIO DATA CALL RESPONSES (SCENARIO 3-20-0212-039 CLOSE NWAD CORONA)**

1. The following questions were generated from my review of Alternatives A & B. It appears that everything else in those two alternatives matches the basic scenario.

a. Please explain and itemize the telephone system upgrades at each location. How are they calculated?

b. I understand from my conversation with John Fishell that the telephone systems upgrade costs are in lieu of moving the communications switch from NWAD. What facility/function drives the reqirement for this? Why doesn't it move in each scenario with that facility/function? Why are the cost different ($265K delta) to move it to NPGS in the basic scenario and Alt B? If the requirement can be satisfied at five different sites in Alt A for only $148K why should we spend close to $1M to move it at all?

c. Why do the phone switch lease costs at NPGS vary between the basic scenario and Alt B?

2. I will be in the office all weekend. Please have the answers to these questions (as well as yesterday's and the previous set from this afternoon) on my fax machine in the morning. I will be concentrating on the MILCON requirements tomorrow. Unless otherwise requested, if I need to discuss anything with you this weekend I will try John at home first.

3. Thanks for your quick response.

R,

M. B. SAMUELS
CDR, CEC, USN

Copy to: NAVSEA (Mr. Jim Logan/Ms Judith Atkins) Fax (703) 602-0541

REF (a)

BRAC-95 CERTIFICATION

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

CDR DAVID LESLIE
NAME (Please type or print)

Signature

EXECUTIVE OFFICER
Title

30 NOV 94
Date

Division

COMMAND STAFF
Department

NAVAL WARFARE ASSESSMENT CENTER, CORONA, CA
Activity

systems. Even though our workload is decreasing, there is not a significant reduction in our gage storage requirements.

When weapons systems are "mothballed", we generally maintain at least one copy of the master gage set. This saves future start up costs when a "mothballed" weapon system is returned to active duty, either within U.S. forces or FMS countries. A current example of this is 3- and 5-inch ammunition, which several years ago was taken out of production, is now being produced again and new gages are not required. We also support Air Force and Army current and future gage requirements. Current program manager tasking requires us to maintain the gage inventory. However, in cases when it becomes obvious the master set of gages will never be used again, we will purge them.

About 14,750 gages, which include those located on-site and in storage, are used to support our current programs. This equates to 75% of our total inventory. The other 25% could be purged to reduce the inventory. Based on past experience, inventory reduction is not a cost effective solution because future costs incurred to re-manufacture gages exceed their long term storage costs.

NWAD Modified Facilities Requirements Table
(10 Dec 94)

Attachment (A)

NWAD Corona Billet Comparison

Facility	Government Billets										Contractor Support			
	Current		CP-7 (2001)		Scenario		Alt A		Alt B					
	Tech	Supp	Tech	Supp	Tech	Supp	Tech	Supp	Tech	Supp	Curr	Scen	Alt A	Alt B
Building X RDTE Current base	775		669								336			
Metrology RDTE			140											
Gage RDTE			34											
Test Set Certification RDTE			68											
Performance Assessment RDTE			120											
Quality Assessment Building RDTE			185											
Systems Engr Building RDTE			122											
Building X RDTE (NPGS)					**548**				**393**			**418**		**308**
Metrology RDTE					131				12					
Gage RDTE					36				0					
Test Set Certification RDTE					48				48					
Performance Assessment RDTE					104				104					
Quality Assessment Building RDTE					158				158					
Systems Engr Building RDTE					71				71					
Building X RDTE (NAWC-WD, China Lake)							**83**						**63**	
Test Set Certification RDTE							26							
Performance Assessment RDTE							10							
Systems Engr Building RDTE							47						**36**	
Building X RDTE (NAWC-WD, Point Mugu)							**48**							
Quality Assessment Building RDTE							3							
Performance Assessment RDTE							45						**209**	
Building X RDTE (NSWC-PHD)							**250**							
Test Set Certification RDTE							22							
Performance Assessment RDTE							46							
Quality Assessment Building RDTE							155							
Systems Engr Building RDTE							27						**107**	**107**
Building X RDTE (NASNORIS)							**131**		**119**					
Metrology RDTE							131		119					
Building X RDTE (NWSSB)							**36**		**36**				**3**	**3**
Gage RDTE							36		36					

NWAD Corona Billet Comparison

Facility	Government Billets										Contractor Support			
	Current		CP-7 (2001)		Scenario		Alt A		Alt B					
	Tech	Supp	Tech	Supp	Tech	Supp	Tech	Supp	Tech	Supp	Curr	Scen	Alt A	Alt B
WAL, Current base (See Note 1)	8		8								10			
WAL (NPGS) (see Note 1)					3				3			10		10
WAL (NWSC-PHD) (see Note 1)							3						10	
Interface Gage Lab, Current base	15		14											
Interface Gage Lab (NPGS)					14									
Interface Gage Lab (NWSSB)							14		14					
Gage Engineering Lab (see Interface Gage Lab)	n/a		n/a		n/a		n/a		n/a		n/a	n/a	n/a	n/a
Metrology Engr Lab (see Note 1)	13		10		n/a		n/a		n/a		n/a	n/a	n/a	n/a
Level III Strong Rooms, Current base	63		54								25			
Level III Strong Rooms (NPGS)					50				50			8	25	25
Level III Strong Rooms (NAWC-WD, Pt Mugu)							15					17		
Level III Strong Rooms (NSWC-PHD)							35							
SCIF (non-WAL) (see Note 1)	n/a				n/a		n/a		n/a		n/a	n/a	n/a	n/a
Environmentally Controlled Warehouse/Precision Machine Shop, Current base	5		4								2			
Environmentally Controlled Warehouse / Precision Machine Shop (NPGS)					2							2		
Environmentally Controlled Warehouse / Precision Machine Shop (NWSSB)							2		2				2	2

NWAD Corona Billet Comparison

Facility	Government Billets										Contractor Support			
	Current		CP-7 (2001)		Scenario		Alt A		Alt B					
	Tech	Supp	Tech	Supp	Tech	Supp	Tech	Supp	Tech	Supp	Curr	Scen	Alt A	Alt B
TM/TelComm Lab (see Note 1)	n/a		n/a		n/a		n/a		n/a		n/a	n/a	n/a	n/a
TM Ground Station (p/o WAL)	n/a		n/a		n/a		n/a		n/a		n/a	n/a	n/a	n/a
WISS (see Note 1)	n/a		n/a		n/a		n/a		n/a		n/a	n/a	n/a	n/a
Force Machine Facility (see Note 1)	1		1		0		0		0		n/a	n/a	n/a	n/a
Satellite Earth Sta (see Note 2)														
Other, NWAD		85		67							58			
Other, Tenants		37		56										
Total	**880**	**122**	**760**	**123**	**617**	**0**	**617**	**0**	**617**	**0**	**431**	**455**	**455**	**455**

Note 1: The areas are used by Command technical personnel and visiting military and civilian personnel on a scheduled basis for specific projects.

Note 2: This is a satellite dish antenna and electronics support area. No personnel are assigned.

NWAD Mission
(10 Dec 94)

Attachment (B)

Activity: 64267

6. BRAC IMPACT: Were you affected by previous Base Closure and Realignment decisions (BRAC-88, -91, and/or -93)? If so, please provide a brief narrative.

BRAC 93 - With closure of MCAS, El Toro NWAD Field Office will close

- With closure of NAS Cecil Field NWAD Field Office will close

7. MISSION: Do not simply report the standard mission statement. Instead, describe important functions in a bulletized format. Include anticipated mission changes and brief narrative explanation of change; also indicate if any current/projected mission changes are a result of previous BRAC-88, -91,-93 action(s).

Current Missions

- WEAPONS AND COMBAT SYSTEMS PERFORMANCE ASSESSMENT
  - Test & Instrumentation Planning
  - On-Site Engineering Analysis
  - Missile Flight Analysis
  - AEGIS Weapon System Analysis
  - Trends & Failure Patterns
  - Tomahawk SEARA Support

- FLEET EXERCISE ASSESSMENT
  - Training Exercise Data Requirements
  - Data Collection and Processing
  - Exercise Reconstruction & Analysis
  - Performance Assessment & Debrief

- TACTICAL TRAINING RANGE ENGINEERING
  - Range Systems Engineering
  - TACTS/EW Field Engineering

- QUALITY ENGINEERING AND ASSESSMENT
  - Quality Management & Engineering Assessment
  - Government Industry Data Exchange Program (GIDEP)
  - Defense Acquisition University Training

C 6(B)

- RM&A ASSESSMENT
  - Assess Life Cycle RMA&Q of Weapons & Combat Systems
  - Perform Engineering Analysis of Data
  - Identify Availability Drivers and Troubled Systems
  - Analyze Maintenance and Logistics Data to Improve Performance

- TEST SYSTEMS ASSESSMENT
  - Certification of Contractor & Depot Weapons Automated Test Systems
  - Evaluation of Weapons Test Requirements & Depot Weapons ATE
  - ATE Reliability Assessment, Integrated Diagnostics & Design for Test
  - Isolate Test Deficiencies & Determine Corrective Action

- METROLOGY SYSTEMS ENGINEERING
  - Navy Calibration Procedures Development and Publication
  - Fleet Calibration Readiness Assessment
  - Calibration Requirements Analysis & Planning for Test Systems
  - Develop, Test, Evaluate, Calibrate & Specify Navy Calibration Standards
  - Joint Service Metrology Coordination & Navy Metrology R&D

- NAVY SPECIAL INTERFACE GAGING AND ANALYSIS
  - Evaluation of Weapon Section & Component Interface Compatibility
  - Develop, Design, & Certify Special Weapons Interface Gages

- INFORMATION SYSTEMS ENGINEERING
  - Engineering Analysis Systems
  - Telemetry & Telecommunications Engineering

Projected Missions for FY 2001

MAINTAIN CURRENT UNIQUE MISSIONS AND EXPAND MISSION AS FOLLOWS:

- WEAPONS AND COMBAT SYSTEMS PERFORMANCE ASSESSMENT
  - Theater Air Defense Assessment
  - Theater Ballistic Missile Defense Assessment
  - Ship Self-Defense Assessment
  - Cooperative Engagement Capability Assessment

- FLEET EXERCISE ASSESSMENT
  - Joint Service Battle/Warfare Exercise Assessment

- TACTICAL TRAINING RANGE ENGINEERING
  - Joint Service Logistics agent for TACTS/EW

- QUALITY ENGINEERING AND ASSESSMENT
  - Maintain & Teach Product Integrity Curriculum for DAU

- RM&A ASSESSMENT
  - Navy-wide Readiness Assessment Linking Operational & Budgetary Requirements

- METROLOGY SYSTEMS ENGINEERING
  - Navy's Technical Agent & Lead in DOD METCAL Program

8. UNIQUE MISSIONS: Describe any missions which are unique or relatively unique to the activity. Include information on projected changes. Indicate if your command has any National Command Authority or classified mission responsibilities.

Current Unique Missions

THE NAVY'S INDEPENDENT ANALYSIS AGENT FOR:

- WEAPONS AND COMBAT SYSTEMS PERFORMANCE ASSESSMENT
  - Test & Instrumentation Planning
  - On-Site Engineering Analysis
  - Missile Flight Analysis
  - AEGIS Weapon System Analysis
  - Trends & Failure Patterns
  - Tomahawk SEARA Support

- FLEET EXERCISE ASSESSMENT
  - Training Exercise Data Requirements
  - Data Collection and Processing
  - Exercise Reconstruction & Analysis
  - Performance Assessment & Debrief

- TACTICAL TRAINING RANGE ENGINEERING
  - Range Systems Engineering
  - TACTS/EW Field Engineering

- QUALITY ENGINEERING AND ASSESSMENT
  - Quality Management & Engineering Assessment

- Government Industry Data Exchange Program (GIDEP)

- RM&A ASSESSMENT
  - Assess Life Cycle RMA&Q of Weapons & Combat Systems
  - Perform Engineering Analysis of Data
  - Identify Availability Drivers and Troubled Systems
  - Analyze Maintenance and Logistics Data to Improve Performance

- TEST SYSTEMS ASSESSMENT
  - Certification of Contractor & Depot Weapons Automated Test Systems
  - Evaluation of Weapons Test Requirements & Depot Weapons ATE
  - ATE Reliability Assessment, Integrated Diagnostics & Design for Test
  - Isolate Test Deficiencies & Determine Corrective Action

THE NAVY'S SOLE TECHNICAL AGENT FOR:

- METROLOGY SYSTEMS ENGINEERING
  - Navy Calibration Procedures Development and Publication
  - Fleet Calibration Readiness Assessment
  - Calibration Requirement Analysis & Planning for Test Systems
  - Develop, Test, Evaluate, Calibrate & Specify Navy Calibration Standards
  - Joint Service Metrology Coordination & Navy Metrology R&D

- NAVY SPECIAL INTERFACE GAGING AND ANALYSIS
  - Evaluation of Weapon Section & Component Interface Compatibility
  - Develop, Design, & Certify special Weapons Interface Gages

Projected Unique Missions for FY 2001

MAINTAIN CURRENT UNIQUE MISSIONS AND EXPAND MISSION AS FOLLOWS:

- WEAPONS AND COMBAT SYSTEMS PERFORMANCE ASSESSMENT
  - Theater Air Defense Assessment
  - Theater Ballistic Missile Defense Assessment
  - Ship Self-Defense Assessment
  - Cooperative Engagement Capability Assessment

- FLEET EXERCISE ASSESSMENT
  - Joint Service Battle/Warfare Exercise Assessment

Encl (B)

- TACTICAL TRAINING RANGE ENGINEERING
  - Joint Service Logistics agent for TACTS/EW
- QUALITY ENGINEERING AND ASSESSMENT
  - Maintain & Teach Product Integrity Curriculum for DAU
- RM&A ASSESSMENT
  - Navy-wide Readiness Assessment Linking Operational & Budgetary Requirements
- METROLOGY SYSTEMS ENGINEERING
  - Navy's Technical Agent & Lead in DOD METCAL Program

9. IMMEDIATE SUPERIOR IN COMMAND (ISIC): Identify your ISIC. If your ISIC is not your funding source, please identify that source in addition to the operational ISIC.

• Operational name	UIC
Naval Ordnance Center	68968
• Funding Source	UIC
NASA, Headquarters	66682
NASA, Edwards AFB	66684
NASA, Jet Propulsion Lab	90542
DLA, Cameron Station	65386
Defense Printing Service Det 0	68347
CMDR in Chief, Atlantic Fleet	00060
CMDR in Chief, Pacific Fleet	00070
CMDR, Naval Air Force, ATL	57012
CMDR, Naval Air Force, PAC	57025

NWAD Inputs to NAVSEA Corporate Engineering Capabilities
(10 Dec 94)

Attachment (C)

~~[illegible]~~
NAVSEA CORPORATE
ENGINEERING CAPABILITIES
EXAMINATION STUDY

4. ORGANIZATION MISSION:

The mission of the Command is to:

> **"Gauge the warfighting capacity of ships and aircraft, from unit to battle group level, by assessing the suitability of design, the performance of equipment and weapons, and the adequacy of training; and, perform other tasks as assigned by higher authority."**

The mission of the Naval Warfare Assessment Center was approved by the Secretary of the Navy on 12 September 1990 and implemented by CNO through OPNAVNOTE 5450, of 14 September 1990. NAVSEAINST 5450.68 of 18 September 1992, in publishing the mission of NWAC, provided a description of assigned Navy-wide functions and tasks. The original mission was incorporated in OPNAVNOTE 5450, of 14 September 1993 and assigned to this Command as part of the establishment of the Naval Ordnance Center.

The establishment of the organization as a separate Command satisfied an urgent need for an independent activity directed to the assessment of Navy systems during the acquisition process and their use in the fleet, and to provide undivided attention to Navy-wide, unbiased assessment and technical services related to the execution of the Command's mission. As an independent assessment activity, this organization provides focus for: consolidating the fragmented assessment efforts performed elsewhere; establishing or improving assessment efforts that had been neglected; and integrating the functions and resources to serve the Navy Fleet and shore communities in a more effective manner.

The organization's independent status is established primarily by a management reporting relationship that is separate from those of the material design, acquisition, in-service, and using organizations. This reporting relationship reduces conflicts-of-interest or bias and improves understanding and confidence so that managers may make informed and improved decisions.

The establishment of NWAC as a separate Command was with the concurrence of the DoD Inspector General's Office which conducted a detailed review of the matter in early 1990 (Report No. 90-058).

Encl (5)

NWAD Engineering Capabilities
(10 Dec 94)

Attachment (D)

DATA CALL #5
TAB A Vol 1 of 3

PREFACE TO TAB A

NWAD maintains nine distinct engineering capabilities for the Navy in the execution of its mission. The nine engineering capabilities are:

1. **WEAPONS AND COMBAT SYSTEMS PERFORMANCE ASSESSMENT**
2. **FLEET EXERCISE ASSESSMENT**
3. **TACTICAL TRAINING RANGE ENGINEERING**
4. **QUALITY ENGINEERING**
5. **RM&A ASSESSMENT**
6. **TEST SYSTEMS AVAILABILITY ASSESSMENT**
7. **METROLOGY SYSTEMS ENGINEERING**
8. **WEAPONS TEST ENGINEERING**
9. **INFORMATION SYSTEMS ENGINEERING**

These engineering capabilities are located at NWAD because they are inherently governmental functions which require and share a distinct assessment engineering expertise and focus to be performed properly. Historically, omission of the use of these capabilities have resulted in detrimental impacts on platforms/weapons and Fleet readiness when combined with other prime system acquisition or support functions. These capabilities are applied Navy-wide across numerous platforms, weapons/combat systems and programs in support of the full life cycle from R&D through acquisition, in-service, and retirement. Therefore, in complying with the call of this question, our nine capabilities which have 50-150 workyears funded each have resulted in over 300 commodity/life cycle intersections. Our comment and recommendation in NWAD letter Ser T/013 of 1 Apr 94 to BSAT concerning this data call applies.

Encl (2)

One page consolidation of NWAD resulting from the
NAVSEA Corporate Engineering Capabilities Examination Study
(10 Dec 94)

Attachment (E)

NAVSEA CORPORATE ENG. CAP. EXAM. STUD.

Encl (E)

Naval Ordnance Center DRAFT WORKING PAPERS

NAVORDCEN Site: NWAD Corona

Capabilities

Industrial
- Calibration & Gage Certification

Technical
- Quality Assurance
- Fleet Exercise Assessment
- Combat Systems Performance Analysis
- Range Engineering
- Warfare Information Sciences
- Measurement Science/Metrology Engineering

Major Facilities

U/E* Special Interface Gage Facility
U/E* Warfare Assessment Laboratory
Metrology Engineering Laboratory
Telemetry Ground Station
Satellite Earth Station

Direct WY	In-House Cost ($M)	Out-House Cost ($M)
799	84.9	50.8

Customers

Fleet	Army	Air Force
USCG	USMC	FMS
PEO/DRPM	WARCEN	WPNSTA/NSY
NAVAIR	NAVSEA	SPAWAR
DLA	NASA	OPTEVFOR

Capability Loss Alternatives and Risks

- Fleet loses data collection, processing, and reconstruction of performance in training exercises
- Loss of real time and post event combat system performance assessment in an operational environment
- Loss/Relocation of "independent" weapons performance assessment for combat systems
- Loss/Relocation of Combat Systems Readiness, Capability, and Availability Data Analysis
- Loss of Test Equipment calibration accuracy
- Loss/Relocation of Metrology, Gage & Standards Development
- Loss/Relocation of Tactical Training Range Life Cycle Management
- Loss/Relocation of Navy-wide Quality Assurance Resource

Revised NWAD Corona Equipment Tonnage & Moving Costs

Enclosure (2)

NWAD Corona Equipment Tonnage & Moving Cost

Facility	Current		Basic Scenario		Alt A		Alt B		Cross Reference to Tables		
	Tons	Move $	Tons	Move $	Tons	Move $	Tons	Move $	Basic	Alt A	Alt B
Building X RDTE (Corona)	**1,392**										
Building X RDTE (NPGS)	**1,120**		**1,120**	**COBRA**			**907**	**COBRA**	2B		2B
Metrology RDTE			155	COBRA			18	COBRA			
Gage RDTE			76	COBRA			0	COBRA			
Test Set Certification RDTE			113	COBRA			113	COBRA			
Performance Assessment RDTE			178	COBRA			178	COBRA			
Quality Assurance Building RDTE			358	COBRA			358	COBRA			
Systems Engr Building RDTE			240	COBRA			240	COBRA			
Building X RDTE (ChL)					**103**	**COBRA**				2B	
Test Set Certification RDTE					61	COBRA					
Systems Engr Building RDTE					42	COBRA					
Building X RDTE (PtM)					**84**	**COBRA**				2B	
Quality Assurance Building RDTE					4	COBRA					
Performance Assessment RDTE					80	COBRA					
Building X RDTE (PtH)					**702**	**COBRA**				2B	
Test Set Certification RDTE					52	COBRA					
Performance Assessment RDTE					98	COBRA					
Quality Assurance Building RDTE					354	COBRA					
Systems Engr Building RDTE					198	COBRA					
Building X RDTE (NAS NORIS)					**155**	**COBRA**	**137**	**COBRA**		2B	2B
Metrology RDTE					155	COBRA	137	COBRA			
Building X RDTE (SBch)					**76**	**COBRA**	**76**	**COBRA**			2B
Gage RDTE					76	COBRA	76	COBRA			
WAL (Corona)	**171**										
WAL (NPGS)			171	COBRA			171	COBRA	2B		2B
WAL (PtH)					171	COBRA				2B	
Metrology Engr Lab (Corona)	**16**										
Metrology Engr Lab (NPGS)			16	**Note 1**	16	**Note 1**					
Metrology Engr Lab (NI)							16	**Note 1**			

NWAD Corona Equipment Tonnage & Moving Cost

Facility	Current		Basic Scenario		Alt A		Alt B		Cross Reference to Tables		
	Tons	Move $	Tons	Move $	Tons	Move $	Tons	Move $	Basic	Alt A	Alt B
Level III Strong Rooms (Corona)	**108**										
Level III Strong Rooms (NPGS)			98	COBRA			98	COBRA	2B		2B
Level III Strong Rooms (PtM)					28	COBRA				2B	
Level III Strong Rooms (PtH)					70	COBRA				2B	
SCIF (non-WAL) (Corona)	**1**										
SCIF (non-WAL) (NPGS)			1	COBRA			1	COBRA	2B		2B
SCIF (non-WAL) (PtH)					1	COBRA				2B	
Interface Gage Lab / Environmentally Controlled Warehouse / Precision Machine Shop (Corona)	**1,100**										
Interface Gage Lab / Environmentally Controlled Warehouse / Precision Machine Shop (NPGS)			1,100	1,315,000					2Fc Item 12		
Interface Gage Lab / Environmentally Controlled Warehouse / Precision Machine Shop (SBch)					1,100	1,315,000	1,100	1,315,000		2Fc Item 16	2Fc Item 10
TM/TelComm Lab (Corona)	**345**										
TM/TelComm Lab (NPGS)			334	172,000			334	172,000	2Fc Item 26		2Fc Item 21
TM/TelComm Lab (PtM)					334	162,000				2Fc Item 29	
TM Ground Station (Corona)	**19**										
TM Ground Station (NPGS)			18	523,000			18	523,000	2Fc Item 27		2Fc Item 22
TM Ground Station (PtH)					18	517,000				2Fc Item 30	

NWAD Corona Equipment Tonnage & Moving Cost

Facility	Current		Basic Scenario		Alt A		Alt B		Cross Reference to Tables		
	Tons	Move $	Tons	Move $	Tons	Move $	Tons	Move $	Basic	Alt A	Alt B
WISS Engr Lab (Corona)	**106**										
WISS Engr Lab (NPGS)			97	64,000			97	64,000	2Fc Item 26		2Fc Item 21
WISS Engr Lab (ChL)					97	61,000				2Fc Item 28	
Force Machine Facility (Pomona)	**65**			**Note 2 below**							
Force Machine Facility (NI)			65	175,000	65	175,000	65	175,000	-	2Fc Item 15	2Fc Item 9
Satellite Earth Sta (Corona)	**15**										
Satellite Earth Sta (NPGS)			15	406,000			15	406,000	2Fc Item 27		2Fc Item 22
Satellite Earth Sta (PhD)					15	402,000				2Fc Item 30	
Other 1-Time Move Cost (Tbl 2Fc)	**Note 3**			8,521,000		7,601,000		8,256,000	2Fc	2Fc	2Fc
COBRA TOTAL			1,390	**Note 4**	1,314	**Note 4**	1,390	**Note 4**	2B	2B	2B
Non-COBRA TOTAL			1,628	2,480,000	1,628	2,632,000	1,628	2,655,000	2Fc	2Fc	2Fc
TOTAL Note 5			3,018	**11,001,000**	2,942	**10,233,000**	3,018	**10,911,000**	2Fc	2Fc	2Fc

Note 1 Inadvertently left out of the Table 2Fc item list for one-time unique moving costs.

Note 2 Did not cost out this one-time unique move item for the Basic Scenario only.

Note 3 Includes one-time unique labor and material cost associated with the Table 2Fc equipment.

Note 4 All of the tons in the COBRA total are included in Table 2B; the moving cost is calculated by the model. The Non-COBRA total includes shipping cost for equipment tons not included in Table 2B.

Note 5 Includes tons for all Table 2B and Table 2Fc items; but not COBRA model moving cost.