DCN 1549

To Support Fleet Readiness Through Research, Development, Testing, And Evaluation On The Biomedical And Psychological Aspects Of Navy And Marine Corps Personnel Health And Performance.

ISSUE: DISPOSITION OF THE NAVAL HEALTH RESEARCH CENTER

BRAC-95 RECOMMENDATION:

Disestablish NHRC in San Diego and relocate necessary functions, personnel, and equipment to the Bureau of Naval Personnel at Memphis, TN.

ASBREM RDA-21 MEDICAL R&D CONSOLIDATION RECOMMENDATION:

Disestablish NHRC Command & Control and Manpower functions and consolidate with HQ, Armed Forces Medical Research & Development Agency.

Establish Armed Forces Medical Research Unit-3 to retain customer linked medical R&D capabilities in San Diego, CA

PRESENTATION OVERVIEW:

- NHRC Chain of Command
- NHRC Research Programs
- Importance of Location to Medical R&D Mission
- Armed Forces Medical Research and Development Agency Consolidation

ARMED FORCES MEDICAL RESEARCH AND DEVELOPMENT AGENCY

- Armed Services Biomedical Research Evaluation and Management **(ASBREM)** Committee has joint coordination and oversight of all military medical R&D.

- In November, 1994 the ASBREM Committee report entitled **"Consolidation of Defense Medical Research and Medical Materiel Development"** recommended the consolidation of all DoD medical R&D into a single **Armed Forces Medical R&D Agency (AFMRDA).**

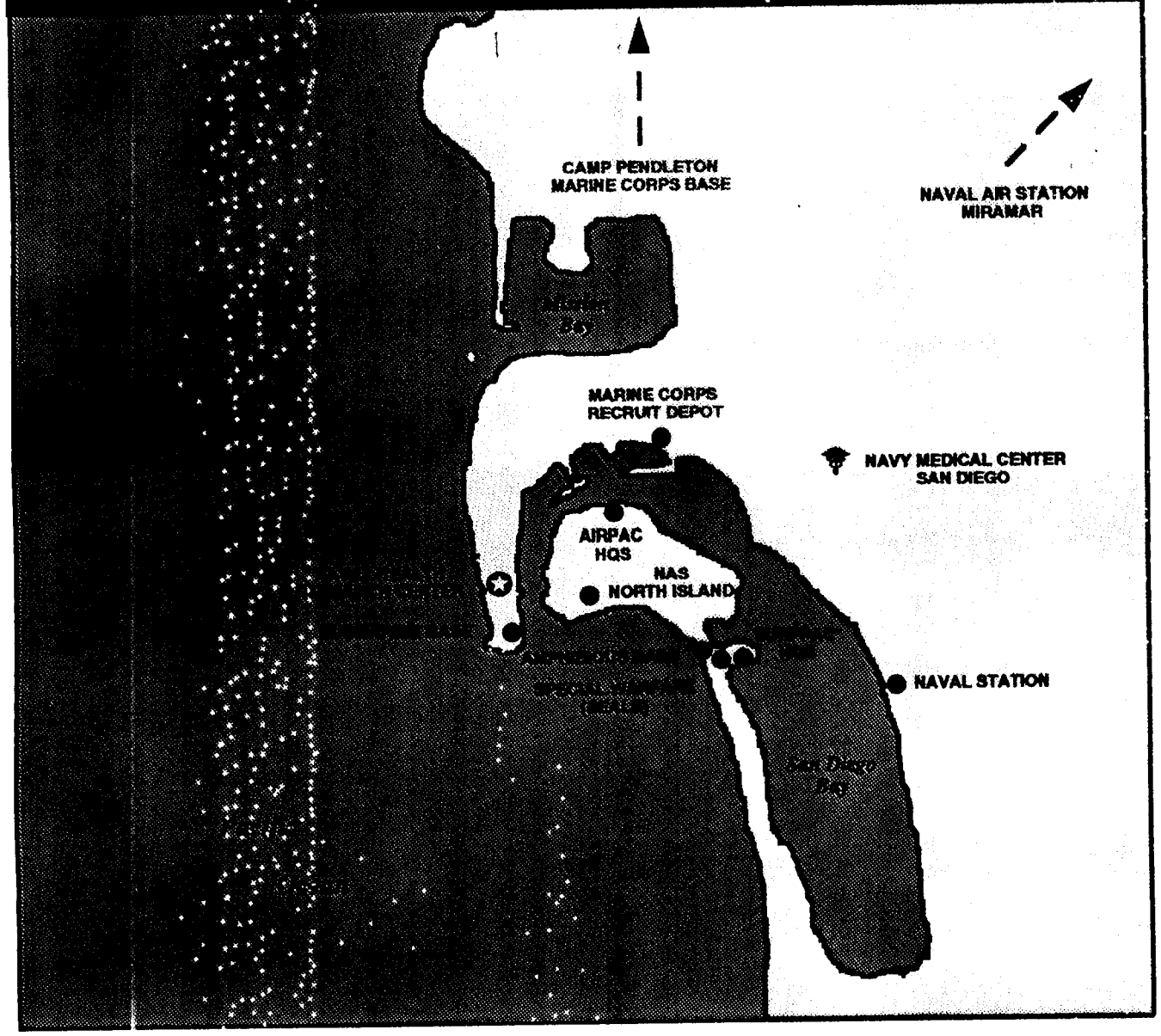
- ASBREM consolidation report also recommended **NHRC be established under the AFMRDA** as the Armed Forces Medical Research Unit-3 (AFMRU-3) to retain customer linked R&D capabilities in San Diego.

- In November, 1994, the Assistant Secretary of Defense (Health Affairs) and Director, Defense Research and Engineering recommended implementation of the AFMRDA consolidation and directed that **"The proposed medical research laboratory consolidation should be considered by the Military Departments in their BRAC 95 analyses."**

- The tri-service advance team for AFMRDA is currently in place at Ft. Detrick, MD and recommends that the agency sustain an NHRC-like capability (i.e., AFMRU-3) in San Diego.

- A **Joint Service Agreement** to establish the AFMRDA has been drafted.
  Consolidation completion date is 1 Oct 96.

Operational Navy in the San Diego Area



Operational Participation
San Diego

SITES	CURRENT STUDIES
Naval Base Ships	Telemedicine, Computer Assisted Diagnosis, Sexually Transmitted Disease Prevention, Health Care for Women Aboard Ships
MCRD	Soft Tissue Injury Prevention and Rehabilitation
Submarine Base	Circadian Rhythm Countermeasures aboard Submarines
Navy Medical Center	HIV Research, Critical Care Monitoring, Reproductive Outcomes
SEALs	Hypothermia, Biomedical Enhancement, Biomedical Protective Equipment Evaluation
Camp Pendleton Marines	Respiratory Disease Epidemics, Injury Reduction, Microclimate Cooling to Prevent Heat Stress

Community Partnerships

UC San Diego	Epidemiology of Gulf War Illness, Reproductive Outcomes, Health Care for Women Aboard Ship, Alertness Monitoring, Head and Neck Strain in Combat Aviators
San Diego State University	Soft Tissue Injury, Smoking Cessation, Thermal Stress
Children's Hosp	Biomechanical Factors in Soft Tissue Injury
Salk Institute	Alertness Monitoring

Applied medical research requires direct access to operational units. For example:

Operational Participation
San Diego

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Children's Hosp	Biomechanical Factors in Soft Tissue Injury
Salk Institute	Alertness Monitoring

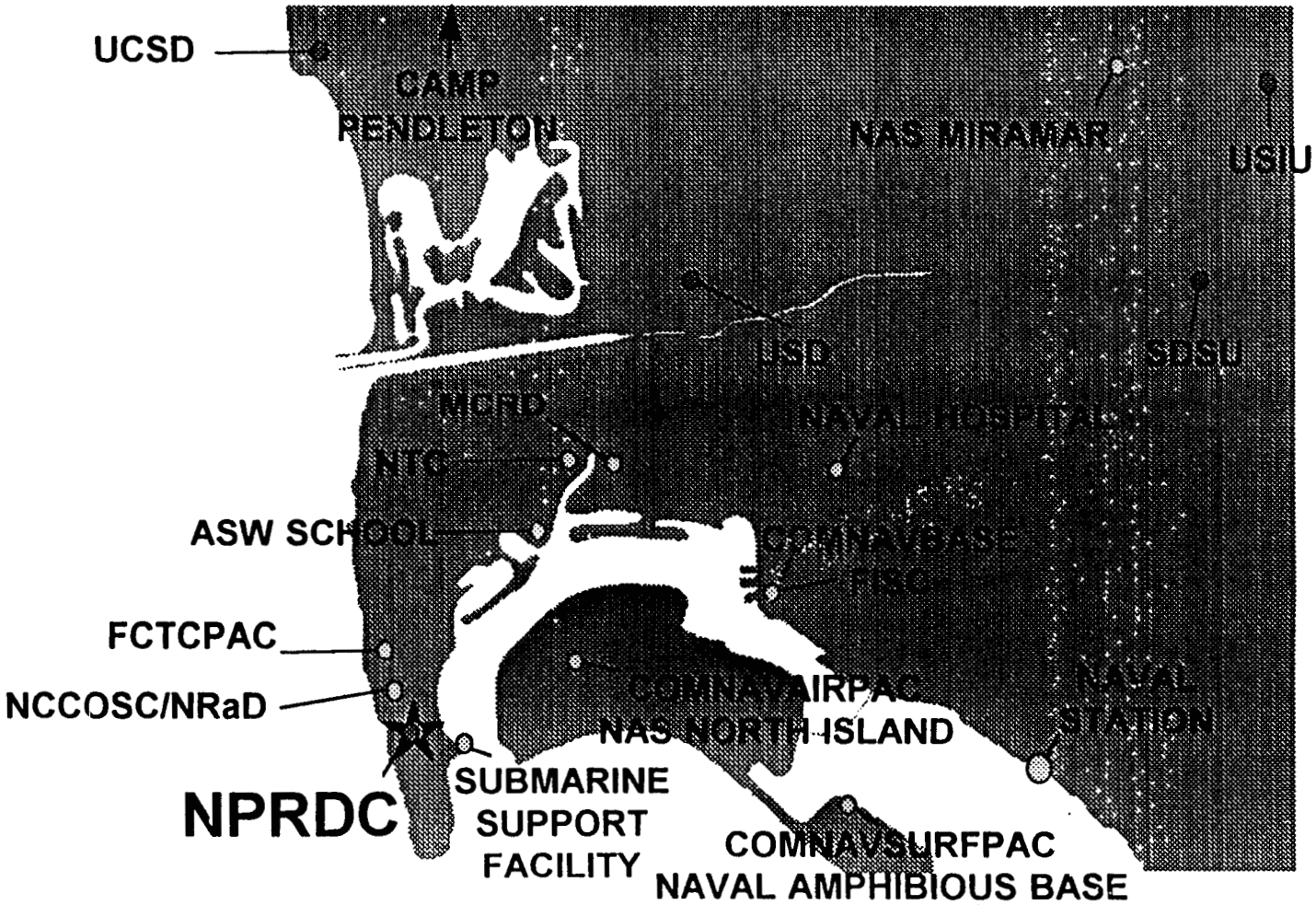
Mission

- To provide products and services specifically directed at improving Department of the Navy
  - Personnel Manpower Requirements
  - Recruiting
  - Testing
  - Selection & Classification
  - Management & Organization
  - Motivation
  - Training
  - Other issues

Why was NPRDC Established?

- Serve as principal Navy RDT&E organization for Manpower, Personnel, & Training
- Provide the Center with increased autonomy to maintain integrity of the research function and to advise higher echelons objectively
- Integrate all personnel-related research in one location to achieve the greatest cross-utilization of research talent
- Increase interaction with the Navy's RDT&E and university communities
- Put researchers closer to the prime users of research products ... THE FLEET

Major Naval Facilities & Universities in San Diego



NPRDC Funding

FY95 Funding: $26.7 Million

- All funding comes in response to project tasking
- Navy provides <u>no</u> operating support funds
- Funding is expected to grow in FY96-99

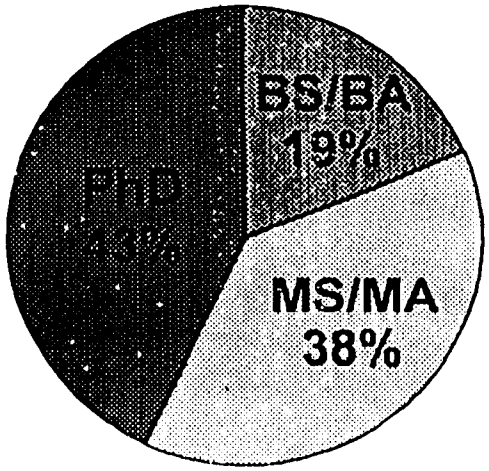
COBRA Estimated Costs and Savings

Real Property Maint	$ 270	$ -	$ -
Command Office	270	-	-
ADP Support	300	-	-
Equip Maint	100	-	-
Civ Pers Services	6	-	-
Accounting/Fin	12	-	-
Phone	255	-	-
Other Utilities	245	-	-
Supply & Storage	82	-	-
Training/Awards	75	-	-
Total: BOS Costs/Savings	$1,615 K	$234	$1,381 K
Other Savings			$544 K

Researcher Skills

- Personnel Research Psychologists
- Operations Research Analysts
- Mathematicians
- Statisticians
- Economists
- Computer Scientists/Specialists
- Instructional Technologists
- Military Subject-matter Experts

College Degrees



Average Number of Years at NPRDC = 15

Dollars in millions

Number of carriers		Infra-structure cost	Difference from baseline	Recurring annual costs	Difference from baseline
Long Beach	North Island				
0	3	$546.1	0	$0.3	0
1	2	706.2	$160.1	25.4	$25.1
2	1	739.2	193.1	27.7	27.4
3	0	828.6	282.5	29.7	29.4

Source: Navy

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Congress of the United States
Washington, DC 20515

April 27, 1995

The Honorable Alan J. Dixon
Chairman
Defense Base Closure and Realignment Commission
1700 North Moore Street
Suite 1425
Arlington, Virginia 22209

Dear Mr. Chairman:

We are writing in support of the Naval Health Research Center and the Navy Personnel Research and Development Center in San Diego. We urge the Commission to closely review these closure recommendations.

With regards to the Naval Health Research Center (NHRC), there is an apparent discrepancy between Navy and Department of Defense initiatives. As you know, the Navy has recommended the closure of NHRC. Meanwhile, the Defense Department is in the final phase of establishing the Armed Forces Medical Research and Development Agency, which plans to retain the functions of NHRC in San Diego as a separate unit. This unit will also be the headquarters of the Military Operational Medicine Directorate of the Armed Forces Agency. Since the Defense Department planned to retain this facility, we strongly urge the Commission to consider its removal from the base closure list.

In the case of the Naval Personnel Research and Development Center, there are logical reasons for its location in San Diego. Placing these activities away from headquarters but near large fleet concentrations is advantageous to ensure a robust R & D effort and to assist sailors and officers with daily requirements. As for cost savings, the current facility occupies space in a Navy building in San Diego and will likewise occupy Navy space at NAS Memphis. As for its operating budget, the Naval Personnel Center is funded by the customer for whom it performs projects, as it will be at its proposed new location. With no apparent financial savings from the proposed move and with the logical reasons for the Center's location in San Diego, we urge you to consider removing this facility from the base closure list.

We appreciate your re-evaluation of the proposed closures of the Naval Health Research Center and the Navy Personnel Research and Development Center in San Diego. Thank you for your attention to this matter.

Sincerely,

Dianne Feinstein U.S.S.

Barbara Boxer U.S.S.

Brian P. Bilbray M.C.

BOB FILNER
50TH DISTRICT, CALIFORNIA

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WASHINGTON, DC 20515
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PUBLIC WORKS AND
TRANSPORTATION COMMITTEE

VETERANS' AFFAIRS
COMMITTEE

CONGRESS OF THE UNITED STATES
HOUSE OF REPRESENTATIVES

April 11, 1995

The Honorable Alan J. Dixon
Chairman
Defense Base Closure and Realignment Commission
1700 North Moore St #1425
Arlington, VA 22209

Dear Mr. Dixon:

An important matter has come to my attention regarding your proposal to move the scientists, staff, and biomedical research functions of the Naval Health Research Center from San Diego, California to Millington, Tennessee. This relocation seriously threatens medical research underway at the Center, which does research collaboratively with the School of Medicine at the University of California, San Diego and with San Diego State University--on topics ranging from Gulf War Syndrome, to AIDS, to the health of women sailors and soldiers in the Navy and Marine Corps.

The Naval Health Research Center is a center of excellence, involving approximately 150 scientists and staff. It has a long and distinguished history of research and significant linkages to the academic community. The Center is widely recognized for its work on HIV and AIDS, some of which is being done with input from Dr. Jonas Salk who is located in San Diego. The Center also is conducting the Navy's most comprehensive study to date of women's health, surveying shipboard exposures and illnesses in 10,000 Navy women and male controls.

I have been told that a recent review by the National Academy of Sciences of Gulf War Syndrome studies indicated that only one investigation had notable scientific merit--that study was the major Gulf War Syndrome study that is being conducted by this Naval Health Research Center. As mentioned earlier, this Gulf War Syndrome Study and the Women's Health Study are being conducted in collaboration with the local universities. The Center also collaborates with the Army and Air Force on major projects in the field of women's health, with a strong tri-service orientation.

The Center is currently operated by the Department of the Navy in San Diego, but is slated to be renamed and reconstituted as Armed Forces Medical Research Unit #3 (San Diego) in mid-1996. From that point in time forward, it will be funded through the Department of the Army and other sponsors. Under the terms of this transition from the Naval Health Research Center to Armed Forces Medical Research Unit #3 (San Diego), the Center would continue its important collaborative research on Gulf War Syndrome, HIV, women's health, and other topics. During the interim, the unit would normally remain under the jurisdiction of the Department of the Navy's Bureau of Medicine and Surgery.

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The Honorable Alan J. Dixon
April 11, 1995

However, if the Naval Health Research Center is moved to Tennessee before it is reconstituted as Armed Forces Medical Research Unit #3 (San Diego), it will undoubtedly cease to operate. Its success depends on access to the Fleet and on the work of the distinguished scientists who are its principal investigators. Several key investigators have said that they cannot move at this state of their scientific career to a non-medical, non-academic setting distant from the Fleet and the populations they are studying. Several hold joint appointments in the University of California School of Medicine and San Diego State University.

With the Center's demise, the nation's most scientifically accredited study of the Gulf War Syndrome will suffer seriously or will vanish, as will its ongoing work on HIV and women's health. The move to Tennessee is unnecessary, as adequate space has been identified in San Diego for the Center to continue its research, and its funding will continue until it assumes its new role as Armed Forces Medical Research Unit #3 (San Diego). It furthermore has been estimated that the cost of running the Center will be less if it remains in San Diego, since Tennessee is distant from Fleet operations, and considerable more travel support would be needed than if the Center remained at its present location.

The decision to move this Center was predicated on the expectation by BRAC that its workload would be decreased. In fact, Congressional interest in the health status of military women and the Gulf War Syndrome have doubled the workload and funding of this Center during the past three years. The workload of the Center is expected to increase rather than decline in the future.

Please reconsider this proposed move. I would hope that you leave the Naval Health Research Center in place in San Diego under its usual Navy Bureau of Medicine and Surgery supervision, pending its planned transition to Armed Forces Medical Research Unit #3 (San Diego) in 1996.

I would appreciate your response by fax (202-225-9073).

Sincerely,

Bob Filner

BOB FILNER
Member of Congress

BF/ss
167435

SUSAN GOLDING
MAYOR

April 26, 1995

Mr. Alan Dixon, Chairman
Base Realignment and Closure Commission
1700 N. Moore Street
Suite 1425
Arlington, Virginia 22209

Chairman Dixon:

I am requesting that your Commission review the closure and relocation decisions of the Navy as they pertain to the Naval Health Research Center and the Navy Personnel Research Development Center from San Diego.

The Naval Health Research Center has been recommended by the Navy for closure. It appears that this action was undertaken due in part to the future establishment of the Armed Forces Medical Research and Development Agency (AFMRDA). However, AFMRDA plans to retain the function of NHRC in San Diego as AFMRDA Unit 3. I ask you, why spend an estimated $10.4 million to move this unit and another $800,000 a year for travel to and from San Diego if the sphere of their work is focused on the Navy in San Diego and apparently will continue to be focused here?

The Naval Personnel Research and Development Center (NPRDC) in San Diego was also placed on the closure list. The decision to relocate this facility to Memphis, Tennessee makes no fiscal sense. NPRDC is supported by the customers for whom they perform projects-as they will be if they move to Memphis. If their major customer is the Navy in San Diego, how can the estimated $7.8 million that it would cost to move them and the annual travel expenditures to and from San Diego prove financially prudent?

On behalf of the City Council of San Diego, we would appreciate your serious re-evaluation of these two proposed closures.

Sincerely,

Susan Golding

SUSAN GOLDING
Mayor
City of San Diego

SG/tj/cw

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GREATER
SAN DIEGO
CHAMBER OF
COMMERCE

A Catalyst for Change

Emerald Shapery Center
402 West Broadway, Suite 1000
San Diego, California 92101-3585
619. 232. 0124 FAX 619. 234. 0571

April 25, 1995

The Honorable Alan J. Dixon
Chairman
Base Realignment and Closure Commission
1700 North Moore Street, Suite 1425
Arlington, Virginia 22209

Dear Chairman Dixon:

Two Research and Development Centers located in San Diego are recommended for closure by the Secretary of Defense.

NHRC

The Naval Health Research Center (NHRC) is to be closed and the functions and personnel moved to Memphis, TN, to be integrated into the Bureau of Naval Personnel (BUPERS). NHRC employs approximately 130 civil servants, military officers, and on-site contractors the majority of whom hold advanced degrees in medicine, physiology or psychology. The center is widely known for its work on HIV and AIDS, women's health issues, Gulf War Syndrome, and other military health research. The organization is a unit of the Bureau of Medicine and Surgery (BUMED).

First, the proposal to transfer this military medical function to an administrative headquarters such as BUPERS makes no sense. The work of NHRC is not related (only 3% of their work is done for BUPERS).

Second, the work of NHRC is integrated into the academic and medical fabric of San Diego. Many of the staff hold adjunct teaching positions in the local universities. Approximately 15-20 graduate students are employed at NHRC at any given time. In addition, post-doctoral and summer faculty programs bring in world-class talent.

Third, and most important, while the BRAC side of DoD recommended closure, the Joint side of DoD is busy establishing the Armed Forces Medical Research and Development Agency (AFMRDA) to consolidate all military medical research activity into one organization. NHRC is included in this new organization as AFMRDA Unit No. #3 and as the location for the Military Medicine Operations Division of AFMRDA - both located in San Diego.

Based on the three points enumerated above, it makes no sense to close NHRC. It should be removed from the base closure list and allowed to transition to its new joint service function.

NPRDC

In 1973, the Navy combined the Navy Personnel and Training Research Laboratory located in San Diego with the Naval Personnel Research and Development Laboratory located within the Bureau of Naval Personnel in Washington, D.C. to form the Navy Personnel Research and Development Center (NPRDC). NPRDC was located on Point Loma in San Diego, California.

The Navy chose San Diego as the site for NPRDC because it offered an unparalleled applied research setting. The San Diego location brought together all manpower, personnel and training researchers in a single location within commuting distance to virtually every type of fleet unit and shore facility. This proximity to the operational Navy would contribute to the success of NPRDC's research program: these ships, squadrons, maintenance facilities, schoolhouses, and medical units represent users of the research products, test beds for technology demonstrations and sources of subjects for research projects.

San Diego was chosen also because it offered a rich academic environment from which NPRDC could draw consultants and graduate students to support its research programs, and provide teaching and learning opportunities for its staff. It was also a site where other Navy R & D was being conducted and where many hi-tech facilities including software and hardware firms could have a significant effect on the ability to produce state-of-the-art MPT research products.

By choosing San Diego, the Navy also wanted to ensure that NPRDC could focus on long-term R & D efforts. Experience with the research activity located in BUPERS suggested that daily headquarters' priorities tended to capture research functions and deploy them on non-R & D tasks. Locating in San Diego provided NPRDC the autonomy necessary to deliver effective research products for the entire Navy and Marine Corps.

The reasons the Navy used to justify the establishment of NPRDC in San Diego are still valid. Splitting it up and moving it to BUPERS in Memphis and to the Training Division in Orlando based on questionable and, in actuality, insignificant savings will destroy the function which is supposedly to be saved.

As far as budget is concerned, NPRDC operates like an independent business within the Navy. It receives no operating budget funds, but instead is funded for each research project. All of its funding comes from customers desiring research services. No funds

are received which are targeted to support base operations, salaries, travel, computers, supplies, etc. The funds received depend on the ability to perform high quality research and produce useful, high impact products at a reasonable cost.

Summary

In both these cases, the recommendation is to move functions, not eliminate them. The activities would vacate space in San Diego and require expenditures to provide new space. Since the functions would remain, their costs would remain. With no visible savings, with obvious reasons to remain located in San Diego in order to perform their tasks (a position the Navy has taken for many years), and, in the case of NHRC, the impending transfer to a joint command, it makes little sense to move these two organizations as contemplated by BRAC-95. I urge the Commission to recognize the reality of the situation and retain NHRC and NPRDC in San Diego where they can actually accomplish their research in the very productive way that they have and at the lowest effective cost.

Sincerely,

Gilbert A. Partida
President

GAP/psm

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Naval Health Research Center
Summary Points

- The Mission of NHRC is to support Fleet Readiness thru Research and Development, Testing and Evaluation on the Biomedical and Psychological aspects of Navy and Marine personnel.

- NHRC is a medical field operation which can only carry out its mission in close conjunction with its customers, i.e., fleet and Marine Corps personnel in their operational environment.

- NHRC is being consolidated into a DoD directed tri-service Armed Forces Medical Research and Development Agency. This consolidation realizes the objectives of BRAC-95 while preserving a critical medical capability.

- This DoD agency needs the medical research capabilities of NHRC in San Diego to perform customer linked medical R&D for the western U.S., Hawaii and Pacific Rim.

- A unique synergistic relationship exists with major academic institutions such as University of California, San Diego, San Diego State University and world class medical research facilities such as the Salk Institute and Children's Hospital of San Diego.

- The BSAT was unaware of the DoD consolidation when it made its recommendations.

- Co-location with BUPERS is illogical from the perspectives of geography and command relationships.

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OFFICE OF THE SECRETARY OF D[illegible]E

WASHINGTON, D.C. 20301[illegible]

[illegible] 1994

MEMORANDUM FOR SECRETARY OF THE ARMY
SECRETARY OF THE NAVY
SECRETARY OF THE AIR FORCE

SUBJECT: Medical R&D Laboratory Consolid[illegible]

On 1 November 1994, we met with the [illegible]ice Acquisition Executives to review a proposal developed [illegible]ough the Armed Services Biomedical Research, Evaluation [illegible] Management Committee (ASBREM), for a jointly staffed, consolid[illegible] Armed Forces Medical Research and Development Agency u[illegible] the Army as Executive Agent. We recommend that this [illegible]olidation, depicted in the attachment, be implemented.

The proposed organization would serv[illegible] the single agency for DoD medical R&D, including Military O[illegible]tional Medicine, as shown in the attachment. Biomedically re[illegible] research falling outside the defined mission areas and exe[illegible]on responsibility of the new organization would continue to be [illegible]ordinated by ASBREM, under the DoD Reliance process.

The Military Departments are request[illegible] proceed with the detailed planning, staffing, and review [illegible]red to effect this consolidation. ASBREM, augmented to refl[illegible] the stakeholder interests in the proposed agency, will pr[illegible] oversight to the planning process. It is our intent that [illegible] process proceed as an effort of co-equals, leading to infras[illegible]ture reductions while preserving both essential medical R[illegible] capabilities and Service interests.

The proposed medical research labora[illegible] consolidation should be considered by the Military Deps[illegible]ts in their BRAC 95 analyses.

Stephen C. Joseph, M.D., M.P.H.
Assistant Secretary of
Defense (Health Affairs)

[illegible]nita Jones
[illegible] K. Jones, Ph.D.
Dir[illegible], Defense Research
[illegible] Engineering

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Armed Services Biomedical Research Evaluation and Management (ASBREM) Committee Medical RDA-21 Project Office

Report

Consolidation of Defense Medical Research and Medical Materiel Development

November 1994

medical materiel acquisition life-cycle plans, programs, and budgets. Existing command-and-control and program management responsibilities for Defense medical RDT&E should be consolidated within the HQ, AFMRDA as the Armed Forces Medical Materiel Development Activity. The AFMRDA program management would be aligned into four management pillars: (1) Medical NBC Defense, (2) Combat Casualty Care, (3) Military Operational Medicine, and (4) Military Infectious Disease Research. Medical Materiel development should continue to be the responsibility of the Army Medical Materiel Development Activity, but it should be realigned under the AFMRDA. The AFMRDA structure (TAB 7) should consist of a Headquarters with the four management pillars (e.g., research directorates), a development activity, field research divisions aligned in support of the directorates, and medical research units managed separately from the research functions they support. Headquarters and Directorate staff requirements should be minimized through outsourced technical and analytical support. The missions and functions of the four directorates are shown at TAB 8. Organizational detail, laboratory, and BRAC impacts are displayed in Table 3.

Table 3. ASBREM Medical RDA-21 Project Office Proposal

Organization	Status	Propcsal
HQ, Armed Forces Medical R&D Agency	• Does not exist	• Establish at Fort Detrick, MD • Establish Army Acquisition Executive as DoD Executive Agent • Collocate with HQ, USAMRMC in new HQ Building planned in Army MEDCOM MCA program • Consolidate Army, Navy and AFRRI command and control • Consolidate DoD medical RDT&E program management aligned into four Directorates: Medical NBC Defense, Military Operational Medicine, Combat Casualty Care, and Military Infectious Diseases Research; and designate Director as PM with DoDD 5000 series responsibility and authority for Defense Medical Materiel
HQ, U.S. Army Medical Research and Materiel Command	• Subordinate Command, U.S. Army MEDCOM • Army medical RDA management HQ	• Disestablish & consolidate R&D management functions in HQ, AFMRDA • Retain Army medical materiel acquisition & logistics functions at USAMRMC and collocate with HQ, AFMRDA

Subject: ASBREM Medical RDA-21 Project Report

Organization	Status	Proposal
HQ, Naval Medical Research and Development Command	• Navy medical RDT&E management HQ	• Disestablish & consolidate RDT&E management functions in HQ, AFMRDA
U.S. Army Medical Materiel Development Activity	• Defense medical materiel developer for Army and Joint requirements • BRAC 91 consolidation site for medical materiel research	• Disestablish and re-establish as the AFMRDA Medical Materiel Development Activity & Deputy PM for Medical Systems
Armed Forces Radiobiology Research Institute	• DoD Component lab for ionizing radiation bioeffects S&T	• Disestablish command & control (C&C) and management of program (MP) functions and consolidate C&C functions with HQ, AFMRDA - MP in NBC Directorate • Establish Armed Forces Medical Research Unit (AFMRU) - 1 at AFRRI to sustain S&T capabilities
Naval Aeromedical Research Laboratory	• Naval medical RDT&E lab • Military Operational Health technology focus	• Disestablish C&C and MP functions and consolidate C&C functions with HQ, AFMRDA - MP in Mil Op Medicine Directorate • Establish as Field Office of AFMRU-9 to sustain customer linked medical R&D capabilities in Division of Health & Performance
Naval Biodynamics Laboratory	• Naval medical RDT&E lab • Military Operational Health technology focus	• Disestablish and close
Naval Dental Research Institute	• Naval medical RDT&E lab • To accommodate Army program (BRAC 91) as collocation • Military Dentistry technology focus	• Disestablish C&C and MP functions and consolidate C&C functions with HQ, AFMRDA - MP in Combat Casualty Care Directorate • Establish AFMRU-2 at Great Lakes • Consolidate Army and Navy program execution • Become part of Division of Maxillofacial Trauma and Dental Disease Prevention and Treatment

Organization	Status	Proposal
Naval Health Research Center	• Naval medical RDT&E lab • Conducts medical RDT&E in Infectious Diseases, Mil Op Health and Combat Casualty Care technology areas	• Disestablish C&C and MP functions and consolidate C&C functions with HQ, AFMRDA - MP in Mil Op Medicine Directorate • Establish AFMRU-3 to retain customer linked R&D capabilities in Divs of Health & Performance and Environmental Medicine
Naval Medical Research Institute	• Naval medical RDT&E lab • Conducts medical RDT&E in Infectious Diseases, Medical Biological Defense, Mil Op Health, and Combat Casualty Care technology areas • BRAC 91 collocation site for Army blood research	• Disestablish C&C and MP functions and consolidate C&C functions with HQ, AFMRDA - MP in Mil Op Medicine Directorate; Combat Casualty Care Directorate, and Infectious Diseases Directorate • Consolidate medical RDT&E functions at new Forest Glen lab (AFMRU-9)
Naval Submarine Medical Research Laboratory	• Naval medical RDT&E lab • Conducts medical RDT&E in Mil Op Health technology area	• Disestablish C&C and MP functions and consolidate C&C functions with HQ, AFMRDA - MP in Mil Op Medicine Directorate • Establish AFMRU-17 to sustain customer linked medical R&D capabilities in Div of Health & Performance
Army Aeromedical Research Laboratory	• Army medical RDT&E lab • Conducts medical RDT&E in Mil Op Health technology area	• Disestablish C&C and MP functions and consolidate C&C functions with HQ, AFMRDA - MP in Mil Op Medicine Directorate • Establish AFMRU-4 to sustain customer linked medical R&D capabilities in Divs of Health & Performance and Systems Health Hazards

Organization	Status	Proposal
Army Medical Research Institute of Chemical Defense	• Army medical RDT&E lab • Conducts medical RDT&E in Medical Chemical Defense and Medical Biological Defense technology areas	• Disestablish C&C and MP functions and consolidate C&C functions with HQ, AFMRDA - MP in NBC Directorate • Establish AFMRU-5 to sustain medical RDT&E capabilities in Div of Chemical Defense
Army Dental Research Detachment	• Detachment of WRAIR • To collocate with NDRI (BRAC 91)	• Consolidate with AFMRU-2 • Becomes part of the Division of Maxillofacial Trauma and Dental Disease Prevention and Treatment
Army Research Institute of Environmental Medicine	• Army medical RDT&E lab • Conducts medical RDT&E in Mil Op Health technology area • BRAC 91 collocation site for Air Force heat physiology research	• Disestablish C&C and MP functions and consolidate C&C functions with HQ, AFMRDA - MP in Mil Op Medicine Directorate • Establish AFMRU-6 to sustain customer linked medical R&D capabilities in Divs of Health & Performance and Environmental Medicine
Army Medical Research Institute of Infectious Diseases	• Army medical RDT&E lab • Conducts medical RDT&E in Infectious Diseases and Medical Biological Defense technology areas	• Disestablish C&C and MP functions and consolidate C&C functions with HQ, AFMRDA - MP in NBC Directorate • Establish AFMRU-7 to sustain medical RDT&E capabilities in Div of Biological Defense
Army Institute of Surgical Research	• Army medical RDT&E lab • Conducts medical RDT&E in Combat Casualty Care technology Area • Moves into new building adjacent to new Brooke Medical Center • BRAC 91 consolidation site for Army trauma research	• Disestablish C&C and MP functions and consolidate C&C functions with HQ, AFMRDA - MP in Combat Casualty Care Directorate • Establish AFMRU-8 to sustain medical RDT&E capabilities in Divs of Mechanical Trauma & Burn Injury

Organization	Status	Proposal
Walter Reed Army Institute of Research	• Full spectrum Army medical RDT&E lab • Conducts medical RDT&E in all Defense medical technology areas	• Disestablish C&C and MP functions and consolidate C&C functions with HQ, AFMRDA - MP in Infectious Diseases, Combat Casualty Care, and Mil Op Medicine Directorates • Consolidate and sustain medical RDT&E capabilities at AFMRU-9 (under construction to replace existing WRAIR) at Forest Glen lab
	OVERSEAS LABORATORIES & DETACHMENTS †	
Naval Medical Research Unit -2 (Indonesia)	• Naval medical RDT&E lab • Conducts medical RDT&E in Infectious Diseases technology area	• Disestablish C&C and MP functions and consolidate C&C functions with HQ, AFMRDA - MP in Infectious Diseases Directorate • Establish AFMRU-10 and sustain medical RDT&E capabilities
Naval Medical Research Unit-3 (Egypt)	• Naval medical RDT&E lab • Conducts medical RDT&E in Infectious Diseases technology area	• Disestablish C&C and MP functions and consolidate C&C functions with HQ, AFMRDA - MP in Infectious Diseases Directorate • Establish AFMRU-11 and sustain medical RDT&E capabilities
Armed Forces Research Institute of the Medical Sciences - WRAIR SFA (Thailand)	• Army medical RDT&E detachment • Conducts medical RDT&E in Infectious Diseases technology area	• Disestablish C&C and MP functions and consolidate C&C functions with HQ, AFMRDA - MP in Infectious Diseases Directorate • Establish AFMRU-12 and sustain medical RDT&E capabilities

Organization	Status	Proposal
WRAIR-SFA (Kenya)	• Army medical RDT&E detachment • Conducts medical RDT&E in Infectious Diseases technology area	• Disestablish C&C and MP functions (WRAIR) and consolidate C&C functions with HQ, AFMRDA - MP in Infectious Diseases Directorate • Establish AFMRU-13 and sustain medical RDT&E capabilities
WRAIR-SFA (Brazil)	• Army medical RDT&E detachment • Conducts medical RDT&E in Infectious Diseases technology area	• Disestablish C&C and MP functions (WRAIR) and consolidate C&C functions with HQ, AFMRDA - MP in Infectious Diseases Directorate • Establish AFMRU-14 and sustain medical RDT&E capabilities
WRAIR-SFA (Germany)	• Army medical RDT&E detachment • Conducts medical RDT&E in Mil Op Health technology area	• Disestablish C&C and MP functions (WRAIR) and consolidate C&C functions with HQ, AFMRDA - MP in Mil Op Medicine Directorate • Establish AFMRU-15 and sustain medical RDT&E capabilities
Naval Medical Research Detachment (Peru)	• Naval medical RDT&E detachment • Conducts medical RDT&E in Infectious Diseases technology area	• Disestablish C&C and MP functions (NMRI) and consolidate C&C functions with HQ, AFMRDA - MP in Infectious Diseases Directorate • Establish AFMRU-16 and sustain medical RDT&E capabilities
Naval Medical Research Detachment (Kenya)	• Naval medical RDT&E detachment • Conducts medical RDT&E in Infectious Diseases technology area	• Disestablish and close • Consolidate functions under AFMRU-13

†Realignment of OCONUS activities requires coordination with CINCs and Department of State

II.b.3 Resource Management. Subject to ASBREM Board guidance and approval, the HQ, AFMRDA should be responsible for development of Defense Medical Materiel Modernization Plans that are fully responsive to, and relevant sections integrated with, OSD and Military Department modernization and master plans and the Defense Technology Area Plan.

Document Separator

7 Apr 95
CAPT Robert Carter
Medical R&D consolidation office
Ft Detrick, MD
(301) 619-7217 (DSN 343)

ISSUE: What is the role of the Naval Health Research Center (NHRC), San Diego, in the consolidation of all military medical R&D into the Armed Forces Medical R&D Agency (AFMRDA)?

BACKGROUND:

- Consolidation being coordinated through Armed Services Biomedical Research Evaluation and Management Committee, established by congress in 1980.
- Consolidation endorsed by USD(A), ASD(HA), DDR&E, Service Assistant Secretaries RDA, and Service Surgeons General.
- Objective: maintain essential medical R&D capabilities not available from other sources while reducing redundancy and unifying the DOD medical R&D facility chain of command.
- NHRC provides unique capability:
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  - to operating forces (e.g., biomedical R&D for special forces, injury reduction R&D, deployable expertise)
  - to Navy BUMED (e.g., Navy HIV data base, organizational policy support, smoking cessation R&D, and health promotion R&D)
- NHRC's value is dependent upon location in San Diego; it is the only DOD medical R&D facility on the west coast!
  - proximity to multiple operational and training communities
  - ties to necessary data bases (took decades to establish)
  - access to assets/support at Navy teaching hospital and environmental & preventive medicine unit
  - liaison with CINC and TYCOMs re: medical R&D requirements
- Consolidated DOD medical R&D will need NHRC-like capability in San Diego.

DISCUSSION:

- Alternative cities are unsuitable to sustain NHRC capability (e.g., Memphis TN, Natick MA, Forest Glen MD) in AFMRDA.
- Availability of other facilities in San Diego would enable NHRC to vacate barracks per BRAC; however, these barracks are not affected by BRAC-95 actions.

RECOMMENDATION: Sustain NHRC-like capability in the San Diego area and consolidate it within the Armed Forces Medical R&D Agency.

AFMRDA point paper

7 Apr 95
CAPT Robert Carter
Medical R&D consolidation office
Ft Detrick, MD
(301) 619-7217 (DSN 343)

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RECOMMENDATION: Sustain NHRC-like capability in the San Diego area and consolidate it within the Armed Forces Medical R&D Agency.

AFMRDA point paper

Information Paper

Naval Health Research Center

Issue: BRAC-95's recommendation and justification for closure of the Naval Health Research Center (NHRC), and for relocation of NHRC functions and personnel outside the Navy medical organization, are inconsistent with technical capabilities now residing at NHRC and with the RDT&E mission currently performed by that laboratory.

Reference: DON BRAC-95 Analysis and Recommendations, Attachment X-17.

Background: BRAC-95 recommends disestablishment of NHRC, and relocation of necessary functions, personnel, and equipment to the Bureau of Naval Personnel (BUPERS) at Memphis, TN.

BRAC-95's justification for disestablishment and relocation of NHRC includes anticipated reduction in technical center workloads; subsequent excess capacity for technical center activities; and alignment of laboratory personnel and performance-related research activities with BUPERS, the "principal organization responsible for Naval military personnel and the primary user of the laboratory's RDT&E products."

Closure of the NHRC laboratory is a reasonable course of action, but it is important to maintain a medical research and development capability in the San Diego area. Medical scientists currently employed at NHRC are engaged in efforts to enhance the health and safety of Naval and Marine Corps forces in land, sea, and special warfare operational environments. This unique RDT&E program involves frequent, close interaction with the medical community and various Naval operational forces.

Recommendation:

- Preserve medical RDT&E assets, now located at NHRC, within the medical community.
- Maintain this medical RDT&E effort in the San Diego area.
- Disestablish NHRC through the medical laboratory consolidation plan jointly developed by ASD(HA), DDR&E, Service Acquisition Executives, and Services Surgeons General. This plan will establish an Armed Forces Medical Research and Development Agency (AFMRDA), consolidating essential Service medical RDT&E capabilities into a single medical R&D organization.

DoD point paper

Discussion:

- The medical RDT&E mission currently performed in San Diego will not be affected by the downsizing of local Navy operational commands

Decreases in Navy operational activities in the San Diego area will not reduce the essential RDT&E workload now being performed, or cause subsequent excess capacity for these activities. This medical RDT&E effort, unlike the technical efforts of many Navy R&D technical centers, is not funded through Navy Industrial Funding, and does not depend on local Navy activities to maintain either funds or taskings. The great majority of RDT&E funds for this program comes directly from Navy research and development accounts. The essential medical RDT&E mission now assigned to NHRC can be fully executed in San Diego, despite a down-sized local operational force. The program depends on interaction with a representational cadre of Navy operational personnel, and this group will continue to be available in the San Diego area after Navy downsizing is complete.

- Medical technologies are distinct from BUPERS' manpower/personnel technologies

BRAC-95 is accurate in noting a similarity between some activities within the medical program and the performance-related research activities of BUPERS. However, medical RDT&E efforts and BUPERS' research elements are not interchangeable. The medical program at NHRC is not equipped or staffed to conduct the manpower and personnel initiatives commonly carried out within the mission of BUPERS. DDR&E's science and technology management structure recognizes the fundamental distinction between medical and manpower/personnel technologies.

The medical RDT&E program conducted in San Diego is based on biomedical technologies and must remain aligned with the medical community for effective execution. Currently, the program at NHRC interacts actively with local medical organizations, such as Naval Medical Center San Diego and Naval Environmental Preventive Medicine Unit 5. These associations allow for collaborative sharing of medical expertise, and integration of Navy medical RDT&E with both the clinical and the preventive and environmental medicine communities. These linkages are critical to the success of RDT&E efforts in epidemiology, occupational health, and HIV surveillance.

- Navy operational forces, not BUPERS, are the primary users of medical RDT&E products

BUPERS is a beneficiary of some medical research activities, but primarily through the impact of medical research products on military personnel, within their operational environments. Major

customers of the medical RDT&E program include fleet medical officers, PACFLT, SPECWAR, and the Fleet Marine Force.

Frequent interactions with fleet medical officers are required for the medical RDT&E efforts, such as: shipboard health promotion; medical evacuation at sea; training of shipboard independent duty hospital corpsmen; health care requirements for women at sea; behavioral interventions to reduce sexually transmitted diseases during deployment; and telemedicine.

Similarly, coordination with fleet and Marine operational units is required for medical RDT&E efforts concerning, for example: heat stress aboard ship; cold weather field studies; physical readiness standards for specific operational communities; injury analysis and intervention; combat casualty documentation; and soft tissue injury assessments. Access to the SEAL community, and to a unique SEAL Delivery Vehicle simulator, is essential for studies concerning underwater hypothermia, SEAL performance enhancement, and biomedical protective equipment.

Maintaining the association of the medical RDT&E program and fleet medical, PACFLT, SPECWAR, and FMF operational forces is essential for ensuring end-product utility, customer acceptance, and transition of research products. The program requires a close proximity to training facilities, ships, submarines, aircraft, shore-based commands, and command and control facilities. Location of the program in the San Diego area allows cost-efficient access to these essential Navy operational groups; attempting to achieve this interaction from Memphis, TN, would be cost-prohibitive.

- <u>Maintenance of essential medical RDT&E capability and disestablishment of NHRC can be accomplished through plans already established by DoD's medical and RDT&E leadership</u>

The medical RDT&E capability and resources now located in San Diego are critical to DoD's biomedical RDT&E program. The AFMRDA plan developed by DoD's medical and RDT&E leadership includes disestablishing NHRC but retaining essential operational medical RDT&E capabilities and vital interactions with the San Diego-based Fleet, Special Forces, and Fleet Marine Corps. This approach will enable continued development of meaningful products for the Navy operational community, and accomplish the economies intended by the initial BRAC recommendation.

Document Separator

THE DEFENSE BASE CLOSURE AND REALIGNMENT COMMISSION

EXECUTIVE CORRESPONDENCE TRACKING SYSTEM (ECTS) # 950403-11

FROM: BILBRAY, BRIAN P.	TO: DIXON
TITLE: REP. (CA)	TITLE: CHAIRMAN
ORGANIZATION: U. S. CONGRESS	ORGANIZATION: DBCRC
INSTALLATION (s) DISCUSSED: NAVAL HEALTH RESEARCH CENTER	

OFFICE OF THE CHAIRMAN	FYI	ACTION	INIT	COMMISSION MEMBERS	FYI	ACTION	INIT
CHAIRMAN DIXON				COMMISSIONER CORNELLA			
STAFF DIRECTOR	✓			COMMISSIONER COX			
EXECUTIVE DIRECTOR	✓			COMMISSIONER DAVIS			
GENERAL COUNSEL				COMMISSIONER KLING			
MILITARY EXECUTIVE				COMMISSIONER MONTOYA			
				COMMISSIONER ROBLES			
DIR./CONGRESSIONAL LIAISON		✓		COMMISSIONER STEELE			
DIR./COMMUNICATIONS				REVIEW AND ANALYSIS			
				DIRECTOR OF R & A	✓		
EXECUTIVE SECRETARIAT				ARMY TEAM LEADER			
				NAVY TEAM LEADER		X	
DIRECTOR OF ADMINISTRATION				AIR FORCE TEAM LEADER			
CHIEF FINANCIAL OFFICER				INTERAGENCY TEAM LEADER	✓		
DIRECTOR OF TRAVEL				CROSS SERVICE TEAM LEADER			
DIR./INFORMATION SERVICES							

TYPE OF ACTION REQUIRED

✓	Prepare Reply for Chairman's Signature		Prepare Reply for Commissioner's Signature
	Prepare Reply for Staff Director's Signature		Prepare Direct Response
X	ACTION: Offer Comments and/or Suggestions	✓	FYI

Subject/Remarks:

LETTER OF SUPPORT FOR THE NAVAL HEALTH RESEARCH CENTER. ALSO, REQUESTING DBCRC VISIT CENTER DURING THEIR VISIT TO SAN DIEGO ON APRIL 26TH.

Due Date: 950405	Routing Date: 950403	Date Originated: 950331	Mail Date:

BRIAN P. BILBRAY
49TH DISTRICT, CALIFORNIA

COMMERCE COMMITTEE

SUBCOMMITTEE ON
HEALTH AND ENVIRONMENT

SUBCOMMITTEE ON
COMMERCE, TRADE AND
HAZARDOUS MATERIALS

Congress of the United States
House of Representatives
Washington, DC 20515

WASHINGTON OFFICE:

1004 LONGWORTH HOUSE OFFICE BLDG.
WASHINGTON, DC 20515
(202) 225-2040

DISTRICT OFFICE:

1011 CAMINO DEL RIO SOUTH
SUITE 330
SAN DIEGO, CA 92108
(619) 291-1430

Please refer to this number
when responding 950403-11

March 31, 1995

Mr. Alan J. Dixon, Chairman
Defense Base Closure and Realignment Commission
1700 North Moore Street, Suite 1426
Arlington, Virginia 22209

Dear Mr. Chairman:

It has come to my attention that the Department of Defense (DoD) Base Closure and Realignment Report recommended that the Naval Health Research Center (NHRC), located in San Diego, California, be disestablished and that necessary functions, personnel and equipment shall be relocated to the Bureau of Naval Personnel (BUPERS) at Memphis, Tennessee. I am greatly concerned that this relocation ignores a parallel joint services effort to consolidate medical and research centers under the Armed Forces Medical Research and Development Agency (AFMRDA), and jeopardizes the ability of the Navy to fulfill its medical research obligations.

According to the Navy Office of Legislative Affairs (OLA), the Navy is participating in the AFMRDA proposal, under the Armed Services Agreement, on condition that the Navy maintain control of its medical research funds and personnel to ensure the continuation of a research environment that emphasizes Navy mission needs and interfaces Navy technical performers and Navy customers. When asked about coordination between the Base Closure and Realignment Commission (BRAC) process and the AFMRDA, the OLA responded simply that because NHRC was recommended for closure, it would not be incorporated into the AFMRDA. In other words, the answer did not match the question.

When further pressed for explanation, the OLA responded by describing the NHRC functions as follows, "The NHRC performs medical research and modeling and maintains health related databases in a number of health and performance areas effecting active duty men and women in the Navy and Marine Corp..." The response continued by suggesting that while it was difficult to determine exactly what it was consolidating, it was necessary and would save money. This appears to directly contradict the NHRC Mission Statement as obtained by my office, which suggests that

THIS STATIONERY PRINTED ON PAPER MADE OF RECYCLED FIBERS

the mission of the NHRC is to support fleet operational readiness through medical Research, Development, Technology & Evaluation (RDT&E) of biomedical and psychological aspects of Navy and Marine Corps personnel health and performance. This mission includes promotion of the health and well being of men and women aboard ship and ashore through epidemiologic and clinical research, operational research in support of medical decision-making, and assessment of physiological and psychological performance in operational settings. The Center is responsive to the needs of the **Bureau of Medicine and Surgery** the DoD, the Fleet, and the U.S. Marine Corps. Additionally, the AFMRDA proposal specifically suggests that NHRC be recommissioned as Armed Forces Medical Research Unit 3 because of its established proximity to the customer, and for the linked R&D capabilities. In addition, the AFMRDA operational Health Division will be located at the same site in San Diego.

Finally, it appears that some confusion may have occurred because Naval Personnel Research and Development (NPR&D) Center, which is collocated with NHRC, was also recommended for relocation to the BUPERS in Memphis, Tennessee and Naval Air Warfare Center (Training Systems Division) Orlando, Florida. The functions of this operation clearly reflect the mission statement of BUPERS, and consolidation appears to make perfect sense. It is quite possible that a clear enough distinction was not made by the Navy during the initial review process.

I believe that this confusion could be quickly remedied by directing BRAC staff to visit NHRC. Therefore, I would like to extend an invitation to your staff, who are already scheduled to visit nearby San Diego Navy assets on April 26th, 1995, to spend a few minutes touring the NHRC. I am sure that such a tour would adequately illustrate my concerns, and result in a reconsideration of the fate of the facility. Please contact Greg Stein of my staff to respond to this inquiry, and to discuss a visit to the NHRC facility.

I appreciate your interest in this issue and look forward to your response.

Sincerely,

Brian P. Bilbray

Brian P. Bilbray
Member of Congress

BPB:gs

Document Separator

THE DEFENSE BASE CLOSURE AND REALIGNMENT COMMISSION

EXECUTIVE CORRESPONDENCE TRACKING SYSTEM (ECTS) # 950419-15

FROM: BILBRAY, BRIAN	TO: MULINER, JEFF
TITLE: U.S. REP (CA)	TITLE: NAVY ANALYST
ORGANIZATION: U.S. CONGRESS	ORGANIZATION: DBCRC
INSTALLATION (s) DISCUSSED:	

OFFICE OF THE CHAIRMAN	FYI	ACTION	INIT	COMMISSION MEMBERS	FYI	ACTION	INIT
CHAIRMAN DIXON				COMMISSIONER CORNELLA			
STAFF DIRECTOR	✓			COMMISSIONER COX			
EXECUTIVE DIRECTOR	✓			COMMISSIONER DAVIS			
GENERAL COUNSEL	✓			COMMISSIONER KLING			
MILITARY EXECUTIVE				COMMISSIONER MONTOYA			
				COMMISSIONER ROBLES			
DIR./CONGRESSIONAL LIAISON		✓		COMMISSIONER STEELE			
DIR./COMMUNICATIONS				REVIEW AND ANALYSIS			
				DIRECTOR OF R & A	✓		
EXECUTIVE SECRETARIAT				ARMY TEAM LEADER			
				NAVY TEAM LEADER	✓		
DIRECTOR OF ADMINISTRATION				AIR FORCE TEAM LEADER			
CHIEF FINANCIAL OFFICER				INTERAGENCY TEAM LEADER			
DIRECTOR OF TRAVEL				CROSS SERVICE TEAM LEADER			
DIR./INFORMATION SERVICES				JEFF MULINER		X	

TYPE OF ACTION REQUIRED

	Prepare Reply for Chairman's Signature		Prepare Reply for Commissioner's Signature
	Prepare Reply for Staff Director's Signature	✓	Prepare Direct Response
	ACTION: Offer Comments and/or Suggestions		FYI

Subject/Remarks:

Enclosed Documents regarding the Nat'l Health Research Center (NHRC) and the consolidation of Def. Med. Rsch. and Med. Material Dev. Report.

Due Date: 950422	Routing Date: 950419	Date Originated: 950418	Mail Date:

BRIAN P. BILBRAY
49TH DISTRICT CALIFORNIA

Congress of the United States
House of Representatives
Washington, DC 20515–0549

950419-15

April 18, 1995

Mr. Jeff Muliner
1700 North Moore Street
Rosslyn, VA 22209

Dear Jeff:

I have enclosed several documents regarding the National Health Research Center (NHRC) for your information. The Consolidation of Defense Medical Research and Medical Material Development Report has also been enclosed for your use.

Please contact Greg Stein in my Washington office at (202) 225-2040 if you require any additional information.

Sincerely,

Brian P. Bilbray

BRIAN BILBRAY
U.S. Congressman

BB:mb
enclosures

PRINTED ON RECYCLED PAPER

ISSUE: What is the role of the Naval Health research Center (NHRC), San Diego, in the consolidation of all military medical R&D into the Armed Forces Medical R&D Agency (AFMRDA)?

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RECOMMENDATION: Sustain NHRC-like capability in the San Diego area and consolidate it within the Armed Forces Medical R&D Agency.

DEPARTMENT OF THE ARMY
U.S. ARMY MEDICAL RESEARCH AND MATERIEL COMMAND
FORT DETRICK, MARYLAND 21702-5012

REPLY TO
ATTENTION OF:

S: 2 December 1994

MCMR-ZD (70) 30 November 1994

MEMORANDUM FOR MEMBERS OF THE MEDICAL R&D CONSOLIDATION WORKING GROUP

SUBJECT: Implementation Planning for Consolidation in the New Medical Research Facility at Forest Glen, MD

1. The Armed Services Biomedical Research Evaluation and Management (ASBREM) Committee established the Medical RDA-21 Project Office to assess DOD medical research, development, test, and evaluation capabilities and recommend options for consolidation of medical research and development within an Armed Forces Medical Research and Development Agency (AFMRDA). The Director, Defense Research and Engineering and the Assistant Secretary of Defense (Health Affairs), after consultation with the Service Acquisition Executives, have approved implementation and staffing of an option for consolidation with the Army as Executive Agent. The ASBREM Medical RDA-21 Project Office, under the day-to-day oversight and direction of the Army Representative to the ASBREM Secretariat, and in coordination with his Service counterparts, is tasked with developing a detailed implementation plan to support provisional establishment of the AFMRDA in the March to April 1995 timeframe. The Medical Research and Development Consolidation Working Group (CWG) is to advise the ASBREM Medical RDA-21 Project Office on DOD laboratory research and development (R&D) capabilities required by the AFMRDA.

2. The CWG has six functional teams, they are:

a. Infectious Disease Research Team

b. Combat Casualty Care Research Team

c. Military Operational Medicine Team

d. Medical NBC Defense Team

e. Process Oversight and Function Integration Team

f. Administrative Integration Team

3. Individual team members may be reviewed at enclosure. The first five teams (i.e., 2a-e) of the CWG are scheduled to meet on 12, 13, 14, & 15 December 1994, in the Frederick, Maryland

MCMR-ZD
SUBJECT: Implementation Planning for Consolidation in the New Medical Research Facility at Forest Glen, MD

vicinity. Their immediate objective is to identify the following:

a. Medical R&D functions required to support the mission of the new consolidated organization.

b. Supporting science and technology (S&T) capabilities.

c. Minimal staffing and related laboratory facilities that will be housed in the new medical research building at Forest Glen, MD.

4. The primary focus of the first series of meetings is to assess the "fit" of required S&T capabilities against the current design for the new facility and define any required design changes. Design changes must be completed by the end of January 1995, in order to incorporate such changes in plans that will be sent to bidders for Phase 2 of the construction project. This timeline requires conducting this important exercise on a compressed schedule.

5. Please confirm your willingness and ability to participate as a member of the CWG with the Project Office NLT 2 December 1994. Additional guidance on the CWG tasking and general information on the 12-15 December meeting will be provided to you NLT 5 December 1994. If CWG team members are unavailable for this meeting, it is requested that they suggest an alternative representative with similar background and skills.

6. Point of contact for this action is the undersigned at 301-619-7377 or DSN 343-7377, or LTC Claude Woodard at 301-619-7364 or DSN 343-7364.

Encl

JOHN F. GLENN
COL, MS
Army Representative ASBREM
Secretariat

CF (w/o encl):
Dr. Osterman
Dr. Martin

NMRI-WRAIR CONSOLIDATION WORKING GROUP

FUNCTIONAL TEAMS

Medical NBC Defense Team
COL Jim Little - Team Chief
CAPT Eric Kearsley
COL Brian Schuster
COL Wallace Baze
CDR Jim Burens
LTC David Moore
LTC David Penetar
LTC John Wade
LCDR Paul Knechtges
Dr. Anna Johnson-Winegar
Dr. Charles Hoover
Dr. Carol Linden
Dr. Robert Reyes

Combat Casualty Care Research Team
CAPT Robert Gaugler - Team Chief
COL Robert Smallridge
COL Barbara Alving
CAPT Carl Junc
CAPT Robert Hartzman
CAPT Sheila Weinburg
COL Steve Hursh
LTC Chuck Yawler
LTC Robert Burr
CDR Lyn Yaffe
MAJ Stephen Bruttig
Dr. Fred Pearce
Dr. John Thomas

Military Operational Medicine Team
CAPT Robert Carter - Team Chief
COL Robert Gifford
COL Gregory Belenkey
COL Joel Hiatt
COL Dennis Shanahan
COL Garrett Polhamus
CAPT David Macys
CDR Ken Still
CDR Mike Lilienthal
CDR Michael Curley
CDR Angus Rupert
CDR Ed Marcinik
LT Dave Gummin
Dr. David Erwin
Dr. Stephen Nice NHRC Employee

Infectious Disease Research Team
COL William Bancroft - Team Chief
COL John Boslego
CAPT Richard Hibbs
CDR Charlie Schlagel
Dr. Peter Jahrling
Dr. Curt Hayes

Process Oversight and Function Integration Team
COL John Glenn - Team Chief
CAPT Thomas Jones
COL Fred Tyner
COL Martin Crumrine
COL Richard Jones
CAPT Doug Ehrhardt
CAPT Mike Parsons
CAPT William Bishop
COL Gerald Jaax
COL Henry Fein

OFFICE OF THE SECRETARY OF D[illegible]E

WASHINGTON, D.C. 20301

[illegible] NOV 1994

MEMORANDUM FOR SECRETARY OF THE ARMY
SECRETARY OF THE NAVY
SECRETARY OF THE AIR FORCE

SUBJECT: Medical R&D Laboratory Consoli[illegible]on

On 1 November 1994, we met with the [illegible]ice Acquisition Executives to review a proposal developed [illegible]ough the Armed Services Biomedical Research, Evaluation [illegible] Management Committee (ASBREM), for a jointly staffed, consoli[illegible] Armed Forces Medical Research and Development Agency u[illegible] the Army as Executive Agent. We recommend that this [illegible]olidation, depicted in the attachment, be implemented.

The proposed organization would serv[illegible] the single agency for DoD medical R&D, including Military O[illegible]tional Medicine, as shown in the attachment. Biomedically re[illegible] research falling outside the defined mission areas and exe[illegible]on responsibility of the new organization would continue to be [illegible]ordinated by ASBREM, under the DoD Reliance process.

The Military Departments are request[illegible] proceed with the detailed planning, staffing, and review r[illegible]red to effect this consolidation. ASBREM, augmented to refl[illegible] the stakeholder interests in the proposed agency, will pr[illegible] oversight to the planning process. It is our intent that [illegible] process proceed as an effort of co-equals, leading to infras[illegible]ture reductions while preserving both essential medical R[illegible] capabilities and Service interests.

The proposed medical research labora[illegible] consolidation should be considered by the Military Dep[illegible]ts in their BRAC 95 analyses.

Stephen C. Joseph, M.D., M.P.H.
Assistant Secretary of
Defense (Health Affairs)

[illegible] K. Jones, Ph.D.
Dir[illegible], Defense Research
[illegible] Engineering

CONSENSUS BRIEFING

ASBREM
Medical RDA-21
Project

CONSOLIDATION OF MEDICAL RDA FUNCTIONS IN DoD

1 November 1994

DR. J. OSTERMAN
DDR&E(E&LS)

PURPOSE

- Review ASBREM MEDICAL RDA-21 Project report highlights
- Develop Consensus for DoD Medical RDA
- Obtain decision on near-term course of action for Medical RDA

RECOMMENDATION

Approve Medical RDA-21 Project recommendation

- Army - Navy consolidation of RDT&E activities under one Agency
- Army designated as "service executive" for the Agency
- ASBREM Committee reconfigured as a "Board of Governors"
- Services will report human systems technology where appropriate

DEPSECDEF issue a decision memorandum with interim implementation guidance

Authorize "full staffing" of the draft DoDD

ASBREM MEDICAL RDA-21 OVERVIEW

PROJECT GOALS & OBJECTIVES

- ACHIEVE AFFORDABILITY FOR DoD MEDICAL RDT&E ENTERPPRISE
- MAINTAIN QUALITY OF DoD MEDICAL RDT&E
- BUILD TO MAINTAIN AN EFFICIENT, COST EFFECTIVE, AND WORLD CLASS MEDICAL TECHNOLOGY DEVELOPER FOR MILITARY UNIQUE RISKS TO HEALTH
  - ENHANCE READINESS --- PROTECT, SUSTAIN & TREAT
    - » MAINTAIN MEDICAL R&D CORE COMPETENCIES
    - » ENHANCE AFFORDABILITY OF THE FORCE
    - » PROMOTE VERSATILITY OF FORCE
    - » ENSURE DEPLOYABILITY OF FORCE
  - SUPPORT MILITARY OPERATIONS --- PROTECT, SUSTAIN & TREAT
    - » PROTECT LIFE
    - » OPTIMIZE OPERATIONS SUSTAINMENT
    - » TREAT CASUALTIES

MAINTENANCE OF ESSENTIAL CAPABILITIES IS THE CHALLENGE

ASBREM MEDICAL RDA-21 OVERVIEW

11 MAR 94 - ASBREM COMMITTEE INITIATED "MEDICAL RDA-21 PROJECT"

- PROJECT INITIATED AS TRI-SERVICE EFFORT TO CONSOLIDATE
- SEPARATE FROM BUT PARALLEL TO BRAC95-LABS
- PROJECT ACTIVITIES COORDINATED BY ARMY ASEC TO ASBREM
- PROJECT OFFICE LOCATED AT FT. DETRICK

APR-JUL - PROJECT RESULTS

- DATA CALLS TO ALL LABS ANALYSED FOR REINVENTION OPTIONS
- FOCUSSED CONSIDERATION: "DEFENSE AGENCY" & "SERVICE EXECUTIVE AGENCY" OPTIONS
- DEVELOPED THE "BOARD OF GOVERNORS" STRUCTURE
- FOCUSSED ON SEPARATION OF FACILITY MANAGEMENT FROM RDT&E PROGRAM MANAGEMENT

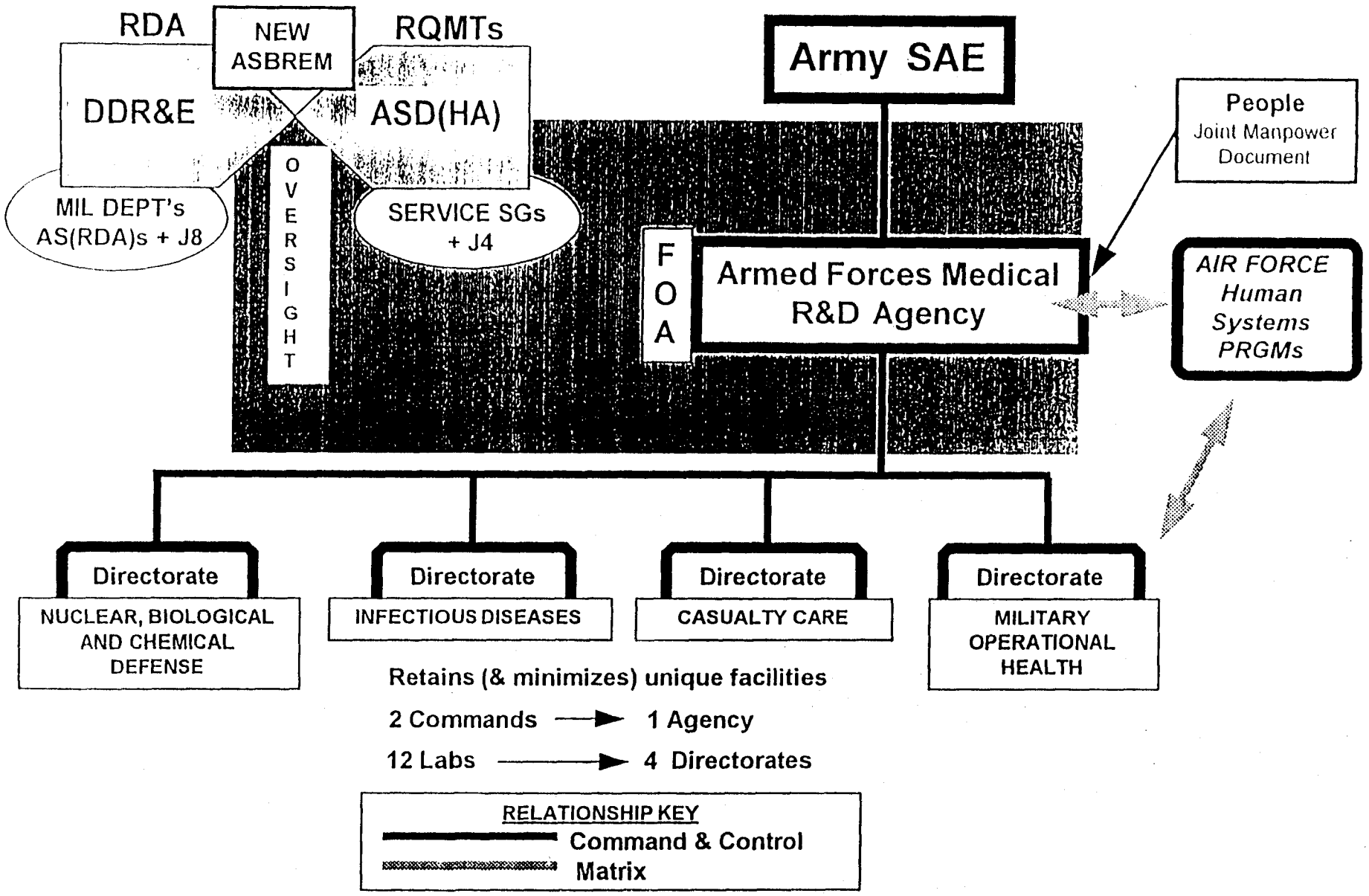
9 AUG 94 - ASBREM S&T REVIEW IPR ON PROJECT

- AIR FORCE HUMAN SYSTEMS TECHNOLOGY PROGRAMS MATRIXED WITH MEDICAL RDA-21 -- not consolidated
- HIGHLIGHTED A MODIFIED ASBREM TO ASSUME "BOARD OF GOVERNORS" ROLE
- HIGHLIGHTED A 4 PILLAR (RESEARCH DIRECTORATE) CONSOLIDATION
- PROGRAM MANAGEMENT SEPARATED FROM RUNNING LAB FACILITY

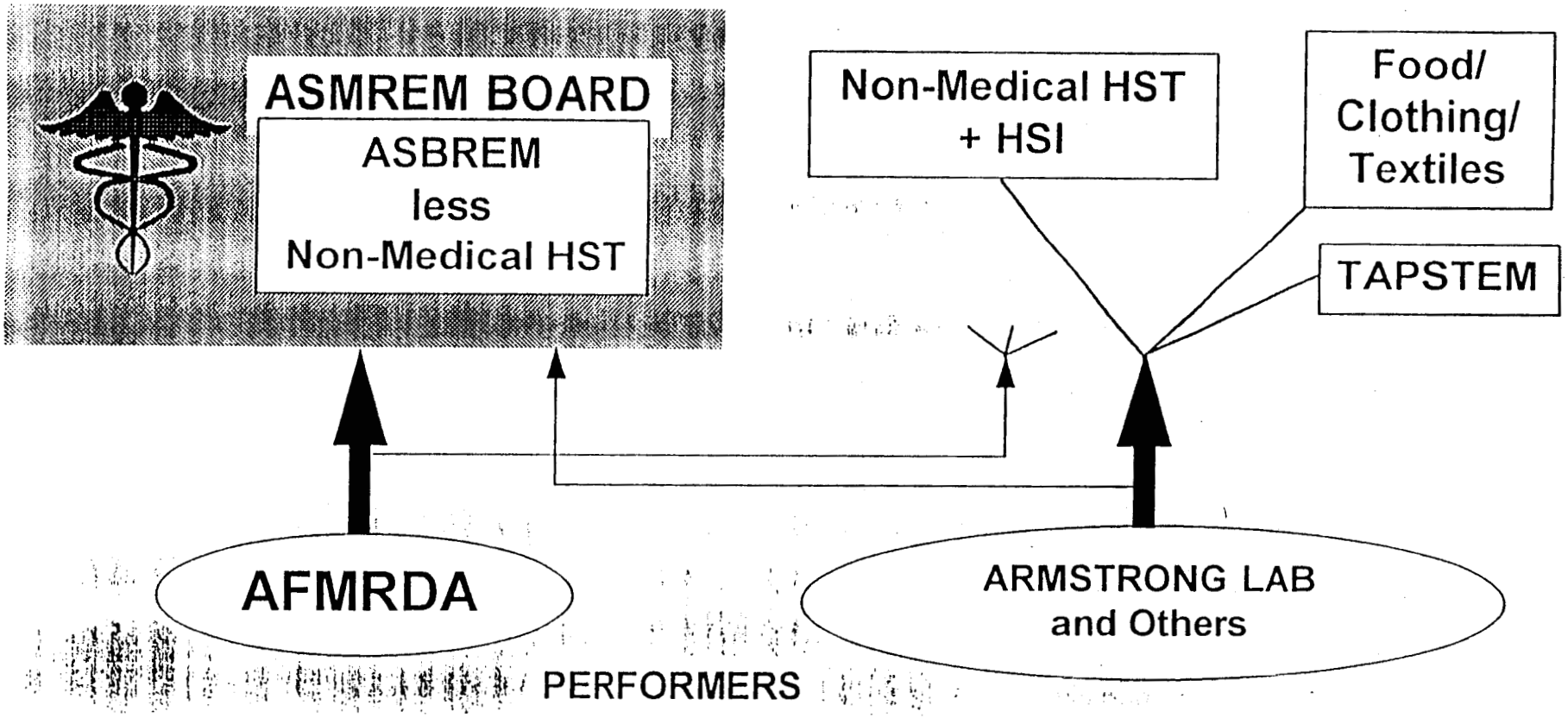
AUG- OCT - MEDICAL RDA-21 ACTIONS

- PROPOSAL FULLY DEVELOPED (DEVELOPED DRAFT DoDD; IDENTIFIED COST AVOIDANCE ELEMENTS; IDENTIFIED S&E POSITIONS FOR REINVESTMENT; DEFINED DIRECTORATE MISSION/FUNCTIONS DOWN THREE ECHELONS & EXAMINED STAFFING; ETC)
- SERVICE STAFFING - not formal, mainly in SAE and ASBREM chains
- CONSENSUS = consolidation is necessary to achieve affordability & Service Executive concept is the most viable

MEDICAL RDA21 PROPOSAL



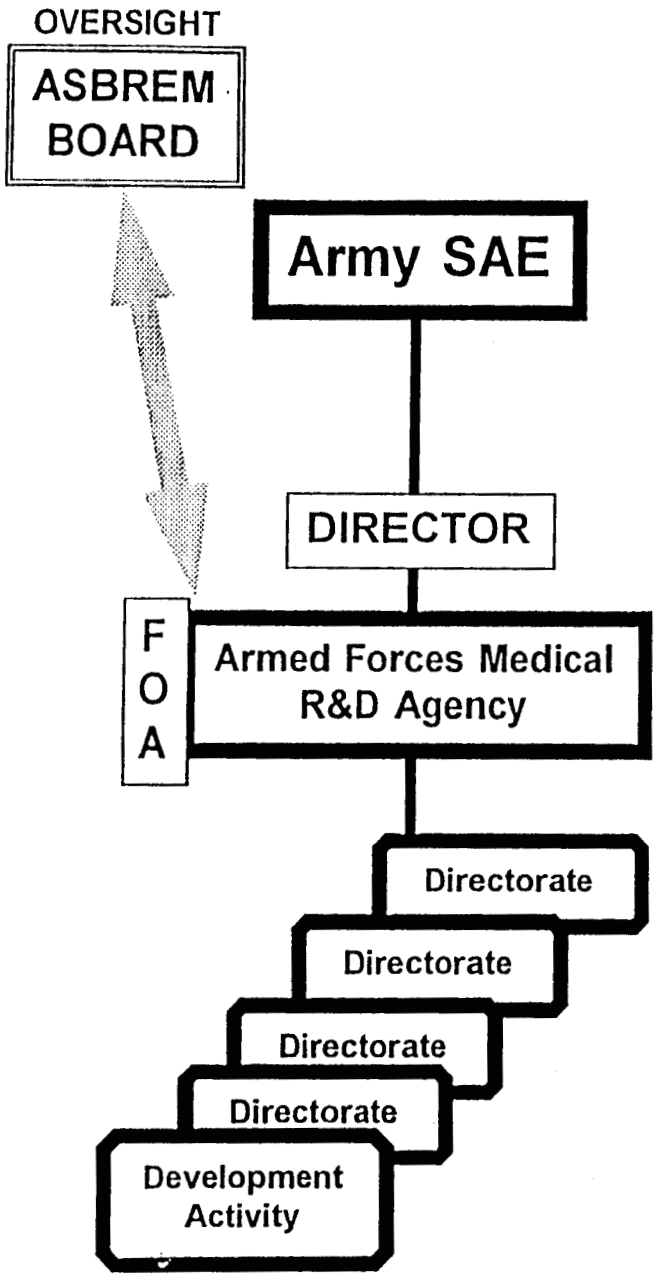
HOW WILL MATRIX AMONG PERFORMERS AND OVERSIGHT PANELS WORK
A RESOLUTION



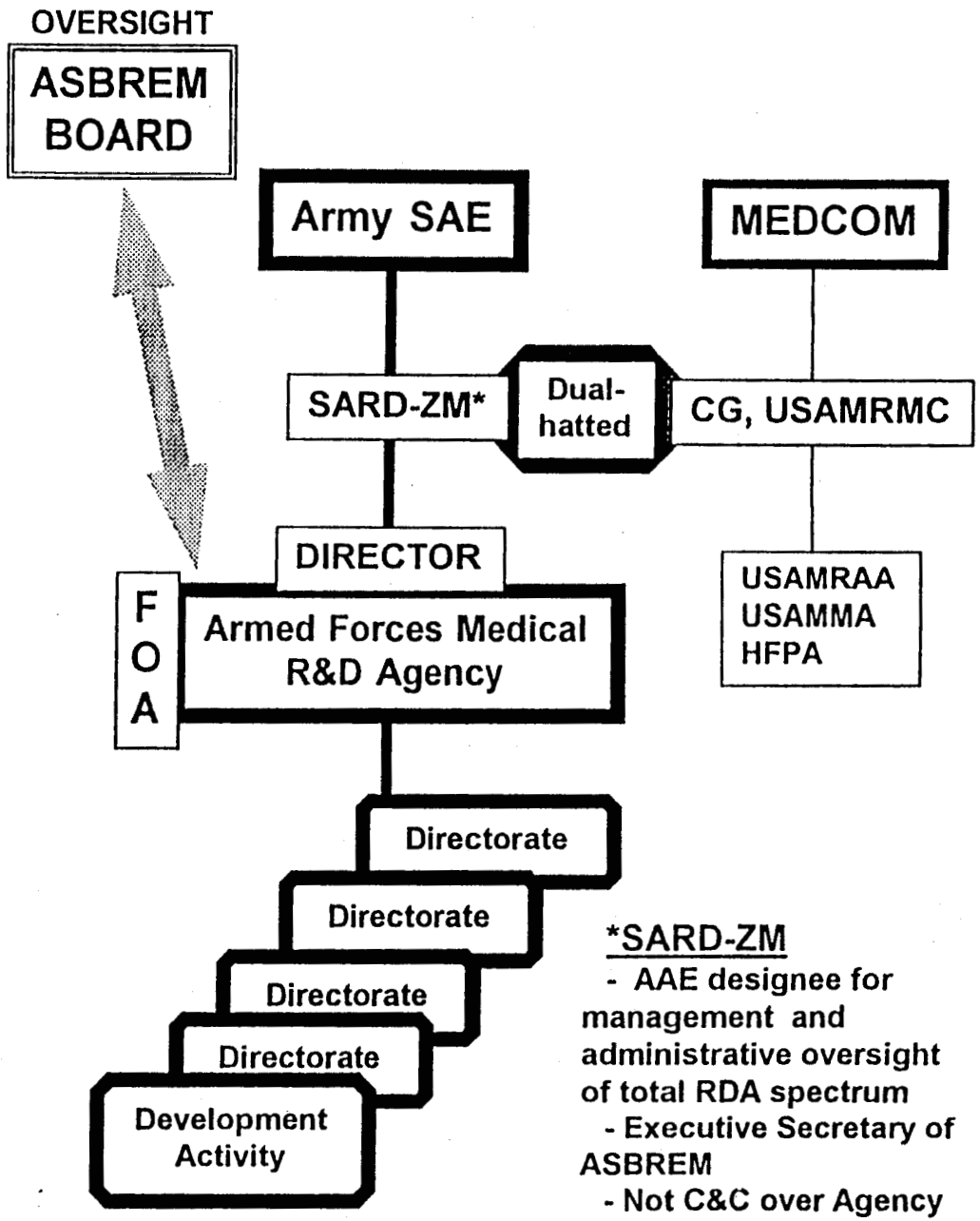
- OVERSIGHT PANELS CLEARLY SEPARATE "MEDICAL" AND "NON-MEDICAL"
- MATRIX COORDINATION -- PERFORMERS REPORT TO APPROPRIATE OVERSIGHT PANELS

RESOLUTION

MEDICAL RDA-21 MODEL



ARMY PROPOSAL FOR IMPLEMENTATION



***SARD-ZM**

- AAE designee for management and administrative oversight of total RDA spectrum
- Executive Secretary of ASBREM
- Not C&C over Agency

MEDICAL RDA-21

Key Features	Payoffs
• Single Agency for DoD Medical RDT&E - Army/Navy/AFRRI Consolidation	• Enhances affordability while maintaining mission capabilities • Consolidates administrative overhead at service, MACOM and laboratory level • Meets National Performance Review Goal thru reduction in management billets • Allows for rational approach to downsizing while preserving mission capabilities • Cost avoidance of new NMRI • 'One-Stop Shopping'
• Oversight by Reconfigured ASBREM	• Full integration of RDT&E and materiel requirement processes with Defense Health Services (Medical DAB/JROC) • Preserves Public Trust and confidence in military medical sciences and R&D
• Army as Executive Agent	• Utilizes existing RDA management infrastructure at no cost to the Agency • Retains linkage with Medical Materiel Acquisition & Logistics Developers thru MEDCOM

MEDICAL RDA-21

Key Features	Payoffs
• Matrixed to Human Systems Technology Performers	• Retains essential 'Medical' identity of Agency • Provides for Joint biomedical research coordination: Interfaces with Air Force and non-medical Army/Navy performers
• Resource Flexiblity - Joint Manpower Document - Core S&T plus Reimbursable Funding	• Responsive to mission and customer funding • Allows best utilization of uniformed scientists • Consolidates civilian S&E performers in order to simplify management & facilitate rightsizing
• Facility Management Separated from RDT&E Program Management	• Facility modernizations easily planned and executed • Allows for flexible sizing of service center and G&A requirements • Allows S&T managers to concentrate on mission
• Four Research Directorates Control Essential Missions	• Maintains core capability through functional alignment • Removes Institutional barriers to cross-disciplinary & cross-capability research and to outsourcing • Eases ability to develop project teams as required by mission

MEDICAL RDA-21 --- BRAC95 CONSIDERATIONS

REALIGNMENT LANGUAGE

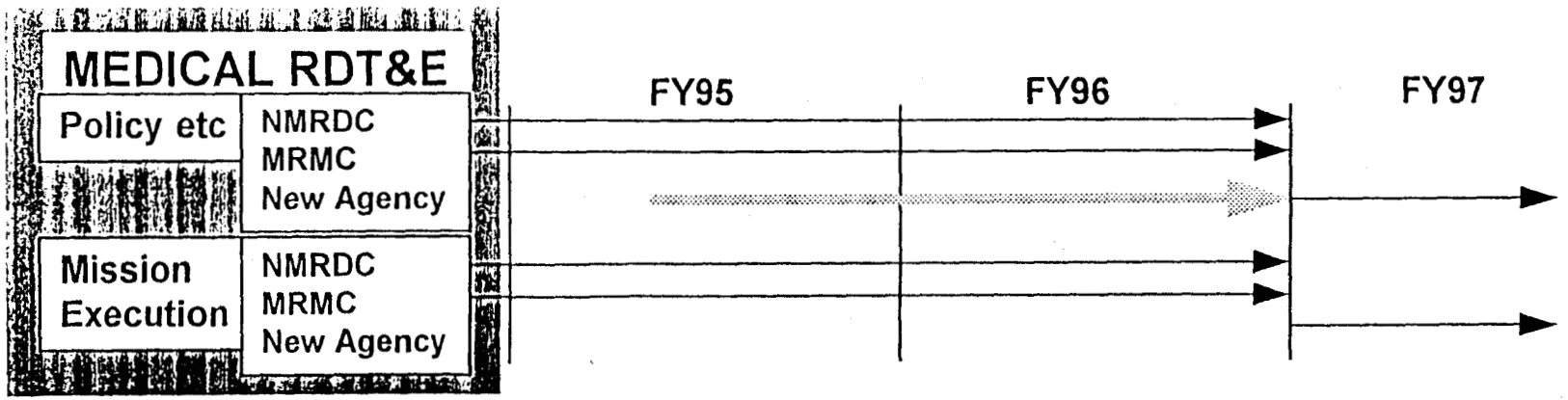
- COMBAT CASUALTY CARE R&D PROGRAMS
  - » CHANGE BRAC91 LANGUAGE FROM "COLLOCATE" TO "CONSOLIDATE"
  - » DENTAL
    - EXTEND FUNDING TO COVER DELAY IN MCA
  - » BLOOD
    - IF MOVED TO FOREST GLEN, COVER RENTAL OF FACILITY UNTIL FY99 & COVER RELOCATION
    - ALTERNATIVE, BRAC95 $$ TO PURCHASE GILLETTE FACILITY
- INFECTIOUS DISEASE R&D PROGRAMS
  - » CHANGE BRAC91 LANGUAGE FROM "COLLOCATE" TO "CONSOLIDATE"
  - » AT NMRI
    - DISESTABLISH & REALIGN AT FOREST GLEN FACILITY
  - » AT WRAIR
    - DISESTABLISH & REALIGN AT FOREST GLEN FACILITY

CLOSURE LANGUAGE

- NAVAL BIODYNAMICS LAB, NEW ORLEANS: CLOSE
- WRAIR: CLOSE UPON COMPLETION OF FOREST GLEN FACILITY
  (Beneficial Occupancy Date = 1999)
- NMRI: CLOSE UPON COMPLETION OF FOREST GLEN FACILITY (BOD = 1999)
- NMRDC: DISESTABLISH AND CLOSE; CONSOLIDATE UNDER AFMRDA

MEDICAL RDA-21 : TIMELINE FOR IMPLEMENTATION

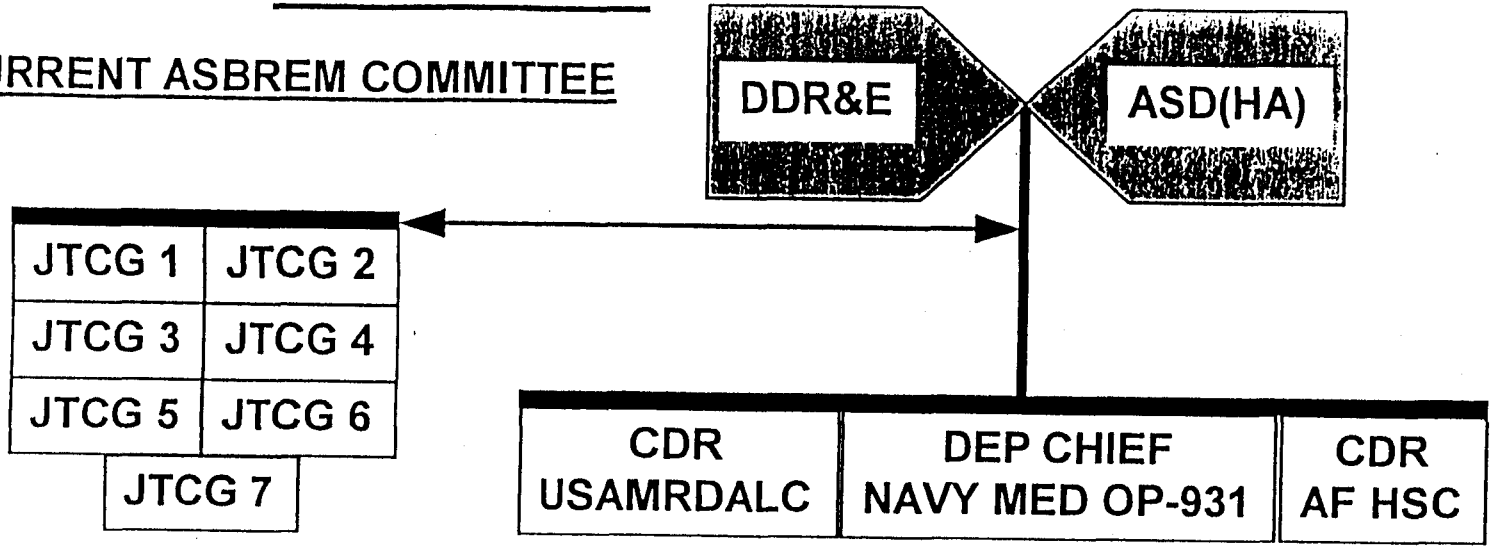
- 1 Nov 94 — CONSENUS MEETING: USD(AT), DDR&E, SAEs
- 17 Nov 94 — ASBREM APPROVES KEY DESIGN CRITERIA; CHARTERS IMPLEMENTATION OFFICE
- Dec 94 — DEPSECDEF -- DECISION MEMORANDUM INITIATES STAFFING OF DODD
- Dec 94 - Apr 95 — IMPLEMENTATION OFFICE ACTIVITY
  - staffs the DoDD for the 'Agency' (ASBREM provides arbitration)
  - Coordinates BRAC95 related actions & refines implementation plan
  - ASBREM Board meets & charters a selection process
- 31 Mar 95 — DODD SIGNED BY DEPSECDEF
  - ASBREM Board recruits & selects Provisional Agency Director + senior staff
- 1 May — PROVISIONAL AGENCY ESTABLISHED; SENIOR STAFF SELECTED BY ASBREM BOARD
- May 95 - Sep 96 — PROVISIONAL AGENCY ACTIONS
  - Draft, staff, publish Implementing REGs
  - Draft & publish AGENCY Policies etc
  - POM & PBS staffing
- 1 Oct 96 — NEW MEDICAL R&D AGENCY STANDS UP



BACKUPS

OVERSIGHT

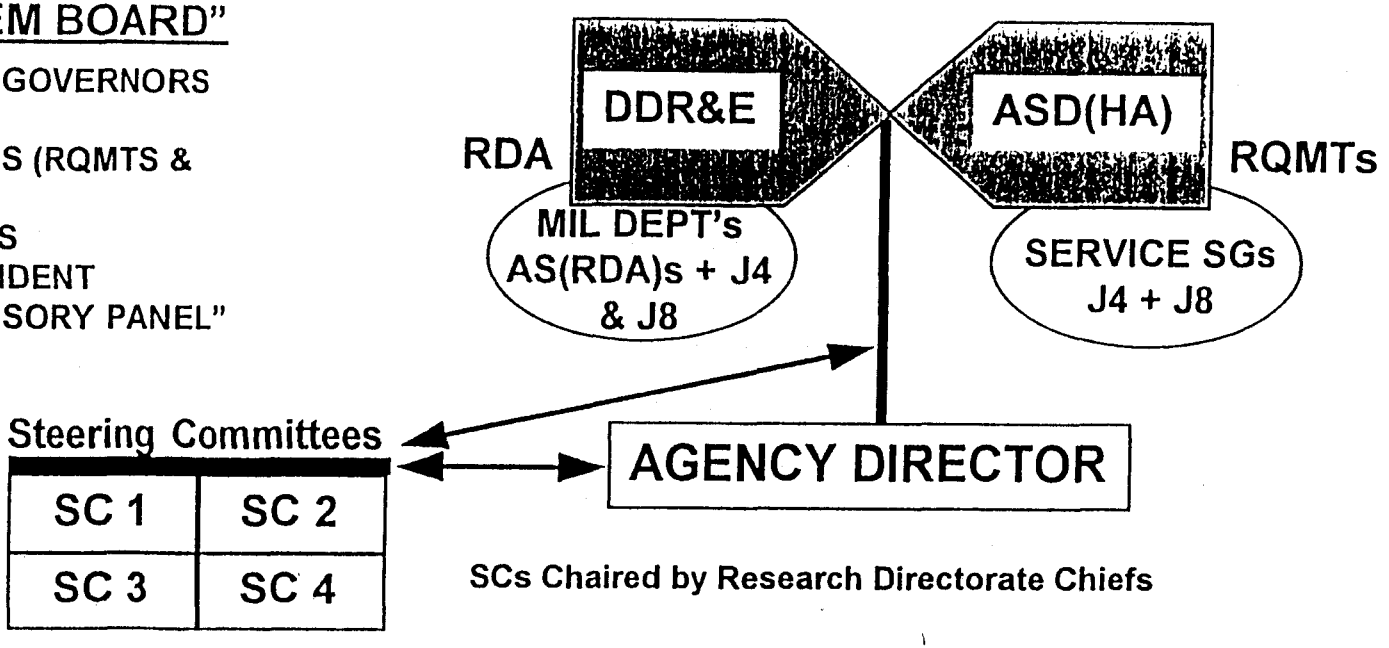
CURRENT ASBREM COMMITTEE



PROPOSED "ASBREM BOARD"

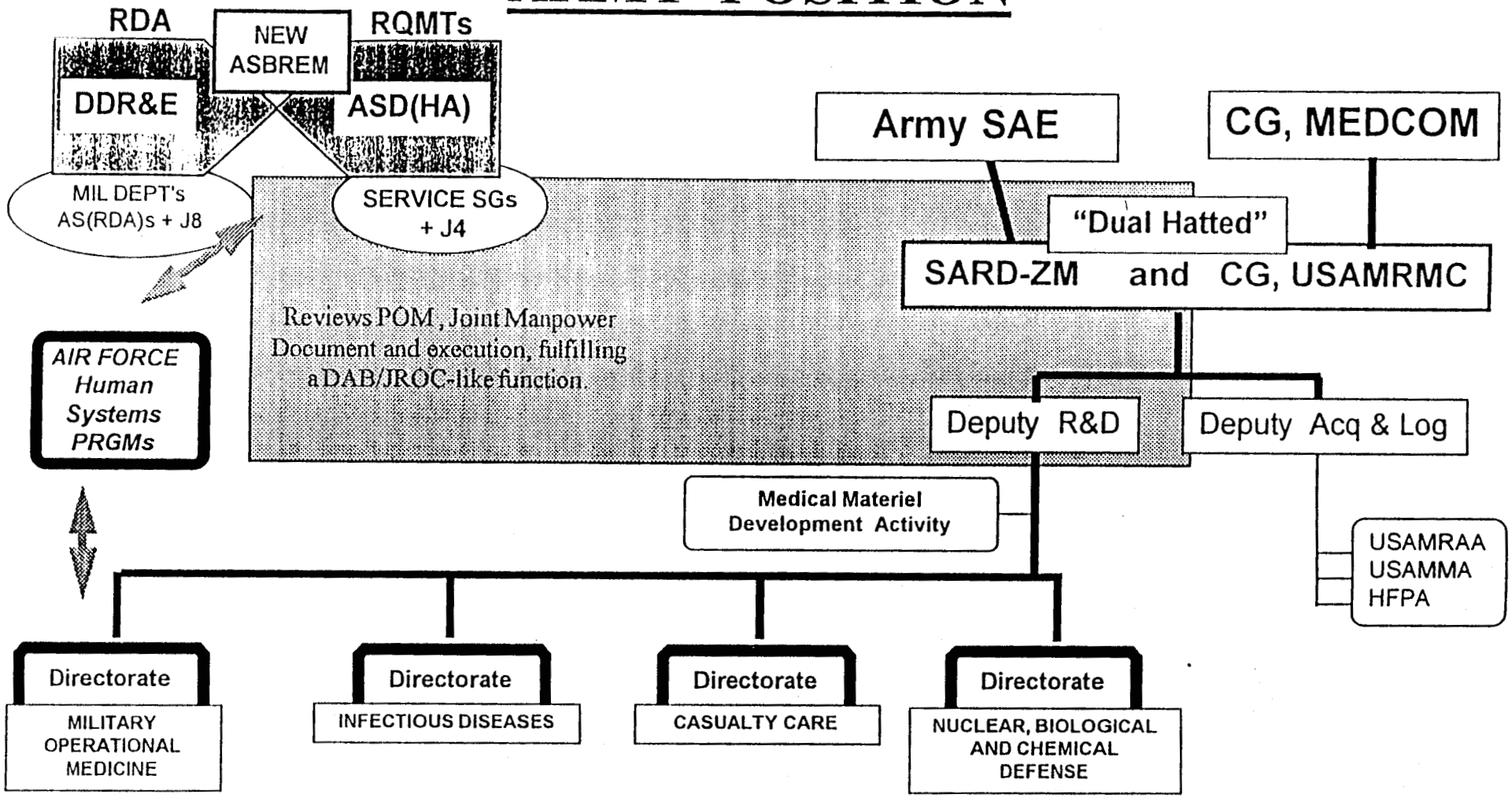
OPERATING AS BOARD OF GOVERNORS

- 2 PILLARS
- 2 STANDING COMMITTEES (RQMTS & RDA)
- 4 STEERING COMMITTEES
- ADVISED BY AN INDEPENDENT "MEDICAL SCIENCE ADVISORY PANEL" OF DSB



SCs Chaired by Research Directorate Chiefs

ARMY POSITION



Differences from "ORIGINAL" Concept

- Concept of Operational Control is different than the AFIP-like model of Executive Agent
  - Agency Commander/Director & Board Of Governors are within the RDA system, not independent of it
  - Full integration into business practices of Executive and OSD
- Provides for full RDA integration - "cradle to grave" - by dual-hatting Commander, USAMRMC as SARD-ZM

SUCCESS CRITERIA (2001 REVIEW)

MEDICAL RDT&E MANAGEMENT OVERSIGHT

- SIGNIFICANT REDUCTION IN MANAGEMENT BILLETS REQUIRING S&Es
- FACILITY MODERNIZATION HAS RATIONAL TIMECOURSE & COST
- NATIONAL INTEREST IN LEADERSHIP BILLETS OF AGENCY
- ASBREM BOARD IS MODEL FOR RDT&E INTEGRATION WITH MATERIEL REQUIREMENTS PROCESSES
- MEDICAL DEVELOPMENT ACTIVITY HAS NATIONAL PROMINANCE
- RATED AS EXCELLENT IN LINE CUSTOMER SURVEYS OF PRODUCT DELIVERY

MEDICAL SCIENCE & TECHNOLOGY

- CURRENT ARMY STOs ARE DELIVERED ON-TIME
- AGENCY REPUTATION AS A NATIONAL RESOURCE IN MEDICAL S&T IS SUSTAINED & ENHANCED
- AGENCY REPUTATION AS AN INTERNATIONAL RESOURCE FOR INFECTIOUS DISEASE SUSTAINED & ENHANCED
- FIERCE COMPETITION TO WORK IN AGENCY LABORATORIES
- LINE CUSTOMERS SEEK S&T PRINCIPALS AS ADVISORS
- LASKER AWARD WON BY AN AGENCY SCIENTIST (E.G., SOLVE MALARIA)

There is One Major Assumption Critical to Success

- That the Service resources now programmed for support of medical RDTE, including both funding streams (RDTE & Baseops), and uniformed and civilian authorizations, can be fully captured for the new FOA/Agency so that downsizing decisions can be made on the basis of overall DoD programmatic needs (i.e., OSD must not allow Services to use medical RDTE assets as billpayers prior to transfer).

Armed Services Biomedical Research Evaluation and Management (ASBREM) Committee Medical RDA-21 Project Office

Report

Consolidation of Defense Medical Research and Medical Materiel Development

November 1994

medical materiel acquisition life-cycle plans, programs, and budgets. Existing command-and-control and program management responsibilities for Defense medical RDT&E should be consolidated within the HQ, AFMRDA as the Armed Forces Medical Materiel Development Activity. The AFMRDA program management would be aligned into four management pillars: (1) Medical NBC Defense, (2) Combat Casualty Care, (3) Military Operational Medicine, and (4) Military Infectious Disease Research. Medical Materiel development should continue to be the responsibility of the Army Medical Materiel Development Activity, but it should be realigned under the AFMRDA. The AFMRDA structure (TAB 7) should consist of a Headquarters with the four management pillars (e.g., research directorates), a development activity, field research divisions aligned in support of the directorates, and medical research units managed separately from the research functions they support. Headquarters and Directorate staff requirements should be minimized through outsourced technical and analytical support. The missions and functions of the four directorates are shown at TAB 8. Organizational detail, laboratory, and BRAC impacts are displayed in Table 3.

Table 3. ASBREM Medical RDA-21 Project Office Proposal

Organization	Status	Proposal
HQ, Armed Forces Medical R&D Agency	• Does not exist	• Establish at Fort Detrick, MD • Establish Army Acquisition Executive as DoD Executive Agent • Collocate with HQ, USAMRMC in new HQ Building planned in Army MEDCOM MCA program • Consolidate Army, Navy and AFRRI command and control • Consolidate DoD medical RDT&E program management aligned into four Directorates: Medical NBC Defense, Military Operational Medicine, Combat Casualty Care, and Military Infectious Diseases Research; and designate Director as PM with DoDD 5000 series responsibility and authority for Defense Medical Materiel
HQ, U.S. Army Medical Research and Materiel Command	• Subordinate Command, U.S. Army MEDCOM • Army medical RDA management HQ	• Disestablish & consolidate R&D management functions in HQ, AFMRDA • Retain Army medical materiel acquisition & logistics functions at USAMRMC and collocate with HQ, AFMRDA

Subject: ASBREM Medical RDA-21 Project Report

Organization	Status	Proposal
HQ, Naval Medical Research and Development Command	• Navy medical RDT&E management HQ	• Disestablish & consolidate RDT&E management functions in HQ, AFMRDA
U.S. Army Medical Materiel Development Activity	• Defense medical materiel developer for Army and Joint requirements • BRAC 91 consolidation site for medical materiel research	• Disestablish and re-establish as the AFMRDA Medical Materiel Development Activity & Deputy PM for Medical Systems
Armed Forces Radiobiology Research Institute	• DoD Component lab for ionizing radiation bioeffects S&T	• Disestablish command & control (C&C) and management of program (MP) functions and consolidate C&C functions with HQ, AFMRDA - MP in NBC Directorate • Establish Armed Forces Medical Research Unit (AFMRU) - 1 at AFRRI to sustain S&T capabilities
Naval Aeromedical Research Laboratory	• Naval medical RDT&E lab • Military Operational Health technology focus	• Disestablish C&C and MP functions and consolidate C&C functions with HQ, AFMRDA - MP in Mil Op Medicine Directorate • Establish as Field Office of AFMRU-9 to sustain customer linked medical R&D capabilities in Division of Health & Performance
Naval Biodynamics Laboratory	• Naval medical RDT&E lab • Military Operational Health technology focus	• Disestablish and close
Naval Dental Research Institute	• Naval medical RDT&E lab • To accommodate Army program (BRAC 91) as collocation • Military Dentistry technology focus	• Disestablish C&C and MP functions and consolidate C&C functions with HQ, AFMRDA - MP in Combat Casualty Care Directorate • Establish AFMRU-2 at Great Lakes • Consolidate Army and Navy program execution • Become part of Division of Maxillofacial Trauma and Dental Disease Prevention and Treatment

Subject: ASBREM Medical RDA-21 Project Report

Organization	Status	Proposal
Naval Health Research Center	• Naval medical RDT&E lab • Conducts medical RDT&E in Infectious Diseases, Mil Op Health and Combat Casualty Care technology areas	• Disestablish C&C and MP functions and consolidate C&C functions with HQ, AFMRDA - MP in Mil Op Medicine Directorate • Establish AFMRU-3 to retain customer linked R&D capabilities in Divs of Health & Performance and Environmental Medicine
Naval Medical Research Institute	• Naval medical RDT&E lab • Conducts medical RDT&E in Infectious Diseases, Medical Biological Defense, Mil Op Health, and Combat Casualty Care technology areas • BRAC 91 collocation site for Army blood research	• Disestablish C&C and MP functions and consolidate C&C functions with HQ, AFMRDA - MP in Mil Op Medicine Directorate; Combat Casualty Care Directorate, and Infectious Diseases Directorate • Consolidate medical RDT&E functions at new Forest Glen lab (AFMRU-9)
Naval Submarine Medical Research Laboratory	• Naval medical RDT&E lab • Conducts medical RDT&E in Mil Op Health technology area	• Disestablish C&C and MP functions and consolidate C&C functions with HQ, AFMRDA - MP in Mil Op Medicine Directorate • Establish AFMRU-17 to sustain customer linked medical R&D capabilities in Div of Health & Performance
Army Aeromedical Research Laboratory	• Army medical RDT&E lab • Conducts medical RDT&E in Mil Op Health technology area	• Disestablish C&C and MP functions and consolidate C&C functions with HQ, AFMRDA - MP in Mil Op Medicine Directorate • Establish AFMRU-4 to sustain customer linked medical R&D capabilities in Divs of Health & Performance and Systems Health Hazards

Subject: ASBREM Medical RDA-21 Project Report

Organization	Status	Proposal
Army Medical Research Institute of Chemical Defense	• Army medical RDT&E lab • Conducts medical RDT&E in Medical Chemical Defense and Medical Biological Defense technology areas	• Disestablish C&C and MP functions and consolidate C&C functions with HQ, AFMRDA - MP in NBC Directorate • Establish AFMRU-5 to sustain medical RDT&E capabilities in Div of Chemical Defense
Army Dental Research Detachment	• Detachment of WRAIR • To collocate with NDRI (BRAC 91)	• Consolidate with AFMRU-2 • Becomes part of the Division of Maxillofacial Trauma and Dental Disease Prevention and Treatment
Army Research Institute of Environmental Medicine	• Army medical RDT&E lab • Conducts medical RDT&E in Mil Op Health technology area • BRAC 91 collocation site for Air Force heat physiology research	• Disestablish C&C and MP functions and consolidate C&C functions with HQ, AFMRDA - MP in Mil Op Medicine Directorate • Establish AFMRU-6 to sustain customer linked medical R&D capabilities in Divs of Health & Performance and Environmental Medicine
Army Medical Research Institute of Infectious Diseases	• Army medical RDT&E lab • Conducts medical RDT&E in Infectious Diseases and Medical Biological Defense technology areas	• Disestablish C&C and MP functions and consolidate C&C functions with HQ, AFMRDA - MP in NBC Directorate • Establish AFMRU-7 to sustain medical RDT&E capabilities in Div of Biological Defense
Army Institute of Surgical Research	• Army medical RDT&E lab • Conducts medical RDT&E in Combat Casualty Care technology Area • Moves into new building adjacent to new Brooke Medical Center • BRAC 91 consolidation site for Army trauma research	• Disestablish C&C and MP functions and consolidate C&C functions with HQ, AFMRDA - MP in Combat Casualty Care Directorate • Establish AFMRU-8 to sustain medical RDT&E capabilities in Divs of Mechanical Trauma & Burn Injury

Organization	Status	Proposal
Walter Reed Army Institute of Research	• Full spectrum Army medical RDT&E lab • Conducts medical RDT&E in all Defense medical technology areas	• Disestablish C&C and MP functions and consolidate C&C functions with HQ, AFMRDA - MP in Infectious Diseases, Combat Casualty Care, and Mil Op Medicine Directorates • Consolidate and sustain medical RDT&E capabilities at AFMRU-9 (under construction to replace existing WRAIR) at Forest Glen lab
	OVERSEAS LABORATORIES & DETACHMENTS †	
Naval Medical Research Unit -2 (Indonesia)	• Naval medical RDT&E lab • Conducts medical RDT&E in Infectious Diseases technology area	• Disestablish C&C and MP functions and consolidate C&C functions with HQ, AFMRDA - MP in Infectious Diseases Directorate • Establish AFMRU-10 and sustain medical RDT&E capabilities
Naval Medical Research Unit-3 (Egypt)	• Naval medical RDT&E lab • Conducts medical RDT&E in Infectious Diseases technology area	• Disestablish C&C and MP functions and consolidate C&C functions with HQ, AFMRDA - MP in Infectious Diseases Directorate • Establish AFMRU-11 and sustain medical RDT&E capabilities
Armed Forces Research Institute of the Medical Sciences - WRAIR SFA (Thailand)	• Army medical RDT&E detachment • Conducts medical RDT&E in Infectious Diseases technology area	• Disestablish C&C and MP functions and consolidate C&C functions with HQ, AFMRDA - MP in Infectious Diseases Directorate • Establish AFMRU-12 and sustain medical RDT&E capabilities

Organization	Status	Proposal
WRAIR-SFA (Kenya)	• Army medical RDT&E detachment • Conducts medical RDT&E in Infectious Diseases technology area	• Disestablish C&C and MP functions (WRAIR) and consolidate C&C functions with HQ, AFMRDA - MP in Infectious Diseases Directorate • Establish AFMRU-13 and sustain medical RDT&E capabilities
WRAIR-SFA (Brazil)	• Army medical RDT&E detachment • Conducts medical RDT&E in Infectious Diseases technology area	• Disestablish C&C and MP functions (WRAIR) and consolidate C&C functions with HQ, AFMRDA - MP in Infectious Diseases Directorate • Establish AFMRU-14 and sustain medical RDT&E capabilities
WRAIR-SFA (Germany)	• Army medical RDT&E detachment • Conducts medical RDT&E in Mil Op Health technology area	• Disestablish C&C and MP functions (WRAIR) and consolidate C&C functions with HQ, AFMRDA - MP in Mil Op Medicine Directorate • Establish AFMRU-15 and sustain medical RDT&E capabilities
Naval Medical Research Detachment (Peru)	• Naval medical RDT&E detachment • Conducts medical RDT&E in Infectious Diseases technology area	• Disestablish C&C and MP functions (NMRI) and consolidate C&C functions with HQ, AFMRDA - MP in Infectious Diseases Directorate • Establish AFMRU-16 and sustain medical RDT&E capabilities
Naval Medical Research Detachment (Kenya)	• Naval medical RDT&E detachment • Conducts medical RDT&E in Infectious Diseases technology area	• Disestablish and close • Consolidate functions under AFMRU-13

†Realignment of OCONUS activities requires coordination with CINCs and Department of State

II.b.3 Resource Management. Subject to ASBREM Board guidance and approval, the HQ, AFMRDA should be responsible for development of Defense Medical Materiel Modernization Plans that are fully responsive to, and relevant sections integrated with, OSD and Military Department modernization and master plans and the Defense Technology Area Plan.

Document Separator

THE DEFENSE BASE CLOSURE AND REALIGNMENT COMMISSION

EXECUTIVE CORRESPONDENCE TRACKING SYSTEM (ECTS) # 950502-19

FROM: FEINSTEIN, DIANNE	TO: DIXON
TITLE: SENATOR (CA)	TITLE: CHAIRMAN
ORGANIZATION: U.S. CONGRESS	ORGANIZATION: DBCRC
INSTALLATION (s) DISCUSSED:	

OFFICE OF THE CHAIRMAN	FYI	ACTION	INIT	COMMISSION MEMBERS	FYI	ACTION	INIT
CHAIRMAN DIXON				COMMISSIONER CORNELLA	✓		
STAFF DIRECTOR	✓			COMMISSIONER COX	✓		
EXECUTIVE DIRECTOR	✓			COMMISSIONER DAVIS	✓		
GENERAL COUNSEL	✓			COMMISSIONER KLING	✓		
MILITARY EXECUTIVE				COMMISSIONER MONTOYA	✓		
				COMMISSIONER ROBLES	✓		
DIR./CONGRESSIONAL LIAISON				COMMISSIONER STEELE	✓		
DIR./COMMUNICATIONS				REVIEW AND ANALYSIS			
				DIRECTOR OF R & A	✓		
EXECUTIVE SECRETARIAT				ARMY TEAM LEADER			
				NAVY TEAM LEADER		X	
DIRECTOR OF ADMINISTRATION				AIR FORCE TEAM LEADER			
CHIEF FINANCIAL OFFICER				INTERAGENCY TEAM LEADER	✓		
DIRECTOR OF TRAVEL				CROSS SERVICE TEAM LEADER			
DIR./INFORMATION SERVICES				BOB MILLER	✓		

TYPE OF ACTION REQUIRED

	Prepare Reply for Chairman's Signature		Prepare Reply for Commissioner's Signature
	Prepare Reply for Staff Director's Signature		Prepare Direct Response
	ACTION: Offer Comments and/or Suggestions	✓	FYI

Subject/Remarks:

LETTER OF SUPPORT FOR THE NAVAL PERSONNEL RESEARCH AND DEVELOPMENT CENTER AND AND THE NAVAL HEALTH RESEARCH CENTER

Due Date: 950505	Routing Date: 950502	Date Originated: 950427	Mail Date:

Congress of the United States

Washington, DC 20515

April 27, 1995

Please refer to this number when responding 950502-19

The Honorable Alan J. Dixon
Chairman
Defense Base Closure and Realignment Commission
1700 North Moore Street
Suite 1425
Arlington, Virginia 22209

Dear Mr. Chairman:

We are writing in support of the Naval Health Research Center and the Navy Personnel Research and Development Center in San Diego. We urge the Commission to closely review these closure recommendations.

With regards to the Naval Health Research Center (NHRC), there is an apparent discrepancy between Navy and Department of Defense initiatives. As you know, the Navy has recommended the closure of NHRC. Meanwhile, the Defense Department is in the final phase of establishing the Armed Forces Medical Research and Development Agency, which plans to retain the functions of NHRC in San Diego as a separate unit. This unit will also be the headquarters of the Military Operational Medicine Directorate of the Armed Forces Agency. Since the Defense Department planned to retain this facility, we strongly urge the Commission to consider its removal from the base closure list.

In the case of the Naval Personnel Research and Development Center, there are logical reasons for its location in San Diego. Placing these activities away from headquarters but near large fleet concentrations is advantageous to ensure a robust R & D effort and to assist sailors and officers with daily requirements. As for cost savings, the current facility occupies space in a Navy building in San Diego and will likewise occupy Navy space at NAS Memphis. As for its operating budget, the Naval Personnel Center is funded by the customer for whom it performs projects, as it will be at its proposed new location. With no apparent financial savings from the proposed move and with the logical reasons for the Center's location in San Diego, we urge you to consider removing this facility from the base closure list.

We appreciate your re-evaluation of the proposed closures of the Naval Health Research Center and the Navy Personnel Research and Development Center in San Diego. Thank you for your attention to this matter.

Sincerely,

Dianne Feinstein U.S.S.

Barbara Boxer U.S.S.

Brian P. Bilbray M.C.

Document Separator

THE DEFENSE BASE CLOSURE AND REALIGNMENT COMMISSION

EXECUTIVE CORRESPONDENCE TRACKING SYSTEM (ECTS) # 950421-7

FROM: FILNER, BOB	TO: DIXON
TITLE: REP. (CA)	TITLE: CHAIRMAN
ORGANIZATION: U.S. CONGRESS	ORGANIZATION: DBCRC
INSTALLATION (s) DISCUSSED: NAVAL HEALTH RESEARCH CENTER	

OFFICE OF THE CHAIRMAN	FYI	ACTION	INIT	COMMISSION MEMBERS	FYI	ACTION	INIT
CHAIRMAN DIXON				COMMISSIONER CORNELLA			
STAFF DIRECTOR	✓			COMMISSIONER COX			
EXECUTIVE DIRECTOR				COMMISSIONER DAVIS			
GENERAL COUNSEL	✓			COMMISSIONER KLING			
MILITARY EXECUTIVE				COMMISSIONER MONTOYA			
				COMMISSIONER ROBLES			
DIR./CONGRESSIONAL LIAISON		✓		COMMISSIONER STEELE			
DIR./COMMUNICATIONS				REVIEW AND ANALYSIS			
				DIRECTOR OF R & A	✓		
EXECUTIVE SECRETARIAT				ARMY TEAM LEADER			
				NAVY TEAM LEADER		X	
DIRECTOR OF ADMINISTRATION				AIR FORCE TEAM LEADER			
CHIEF FINANCIAL OFFICER				INTERAGENCY TEAM LEADER	✓		
DIRECTOR OF TRAVEL				CROSS SERVICE TEAM LEADER			
DIR./INFORMATION SERVICES							

TYPE OF ACTION REQUIRED

✓	Prepare Reply for Chairman's Signature		Prepare Reply for Commissioner's Signature
	Prepare Reply for Staff Director's Signature		Prepare Direct Response
X	ACTION: Offer Comments and/or Suggestions	✓	FYI

Subject/Remarks:

LETTER OF SUPPORT FOR RETAINING NAVAL HEALTH RESEARCH CENTER IN SAN DIEGO.

Due Date: 950425	Routing Date: 950421	Date Originated: 950411	Mail Date:

BOB FILNER
50TH DISTRICT, CALIFORNIA

504 CANNON BUILDING
WASHINGTON, DC 20515
TEL: (202) 225-8045
FAX: (202) 225-9073

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TRANSPORTATION COMMITTEE

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COMMITTEE

CONGRESS OF THE UNITED STATES
HOUSE OF REPRESENTATIVES

April 11, 1995

950421-7

The Honorable Alan J. Dixon
Chairman
Defense Base Closure and Realignment Commission
1700 North Moore St #1425
Arlington, VA 22209

Dear Mr. Dixon:

An important matter has come to my attention regarding your proposal to move the scientists, staff, and biomedical research functions of the Naval Health Research Center from San Diego, California to Millington, Tennessee. This relocation seriously threatens medical research underway at the Center, which does research collaboratively with the School of Medicine at the University of California, San Diego and with San Diego State University--on topics ranging from Gulf War Syndrome, to AIDS, to the health of women sailors and soldiers in the Navy and Marine Corps.

The Naval Health Research Center is a center of excellence, involving approximately 150 scientists and staff. It has a long and distinguished history of research and significant linkages to the academic community. The Center is widely recognized for its work on HIV and AIDS, some of which is being done with input from Dr. Jonas Salk who is located in San Diego. The Center also is conducting the Navy's most comprehensive study to date of women's health, surveying shipboard exposures and illnesses in 10,000 Navy women and male controls.

I have been told that a recent review by the National Academy of Sciences of Gulf War Syndrome studies indicated that only one investigation had notable scientific merit--that study was the major Gulf War Syndrome study that is being conducted by this Naval Health Research Center. As mentioned earlier, this Gulf War Syndrome Study and the Women's Health Study are being conducted in collaboration with the local universities. The Center also collaborates with the Army and Air Force on major projects in the field of women's health, with a strong tri-service orientation.

The Center is currently operated by the Department of the Navy in San Diego, but is slated to be renamed and reconstituted as Armed Forces Medical Research Unit #3 (San Diego) in mid-1996. From that point in time forward, it will be funded through the Department of the Army and other sponsors. Under the terms of this transition from the Naval Health Research Center to Armed Forces Medical Research Unit #3 (San Diego), the Center would continue its important collaborative research on Gulf War Syndrome, HIV, women's health, and other topics. During the interim, the unit would normally remain under the jurisdiction of the Department of the Navy's Bureau of Medicine and Surgery.

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The Honorable Alan J. Dixon
April 11, 1995

However, if the Naval Health Research Center is moved to Tennessee before it is reconstituted as Armed Forces Medical Research Unit #3 (San Diego), it will undoubtedly cease to operate. Its success depends on access to the Fleet and on the work of the distinguished scientists who are its principal investigators. Several key investigators have said that they cannot move at this state of their scientific career to a non-medical, non-academic setting distant from the Fleet and the populations they are studying. Several hold joint appointments in the University of California School of Medicine and San Diego State University.

With the Center's demise, the nation's most scientifically accredited study of the Gulf War Syndrome will suffer seriously or will vanish, as will its ongoing work on HIV and women's health. The move to Tennessee is unnecessary, as adequate space has been identified in San Diego for the Center to continue its research, and its funding will continue until it assumes its new role as Armed Forces Medical Research Unit #3 (San Diego). It furthermore has been estimated that the cost of running the Center will be less if it remains in San Diego, since Tennessee is distant from Fleet operations, and considerable more travel support would be needed than if the Center remained at its present location.

The decision to move this Center was predicated on the expectation by BRAC that its workload would be decreased. In fact, Congressional interest in the health status of military women and the Gulf War Syndrome have doubled the workload and funding of this Center during the past three years. The workload of the Center is expected to increase rather than decline in the future.

Please reconsider this proposed move. I would hope that you leave the Naval Health Research Center in place in San Diego under its usual Navy Bureau of Medicine and Surgery supervision, pending its planned transition to Armed Forces Medical Research Unit #3 (San Diego) in 1996.

I would appreciate your response by fax (202-225-9073).

Sincerely,

Bob Filner

BOB FILNER
Member of Congress

BF/ss
167436

Document Separator

THE DEFENSE BASE CLOSURE AND REALIGNMENT COMMISSION JBRC

EXECUTIVE CORRESPONDENCE TRACKING SYSTEM (ECTS) # 950519-5

FROM: BILBRAY, BRIAN	TO: DIXON
TITLE: REP. (CA)	TITLE: CHAIRMAN
ORGANIZATION: U.S. CONGRESS	ORGANIZATION: DBCRC
INSTALLATION (s) DISCUSSED: NAVAL HEALTH RESEARCH CENTER	

OFFICE OF THE CHAIRMAN	FYI	ACTION	INIT	COMMISSION MEMBERS	FYI	ACTION	INIT
CHAIRMAN DIXON				COMMISSIONER CORNELLA	✓		
STAFF DIRECTOR	✓			COMMISSIONER COX	✓		
EXECUTIVE DIRECTOR	✓			COMMISSIONER DAVIS	✓		
GENERAL COUNSEL	✓			COMMISSIONER KLING	✓		
MILITARY EXECUTIVE				COMMISSIONER MONTOYA	✓		
				COMMISSIONER ROBLES	✓		
DIR./CONGRESSIONAL LIAISON		✓		COMMISSIONER STEELE	✓		
DIR./COMMUNICATIONS				REVIEW AND ANALYSIS			
				DIRECTOR OF R & A	✓		
EXECUTIVE SECRETARIAT				ARMY TEAM LEADER			
				NAVY TEAM LEADER		X	
DIRECTOR OF ADMINISTRATION				AIR FORCE TEAM LEADER			
CHIEF FINANCIAL OFFICER				INTERAGENCY TEAM LEADER	✓		
DIRECTOR OF TRAVEL				CROSS SERVICE TEAM LEADER			
DIR./INFORMATION SERVICES							

TYPE OF ACTION REQUIRED

✓	Prepare Reply for Chairman's Signature		Prepare Reply for Commissioner's Signature
	Prepare Reply for Staff Director's Signature		Prepare Direct Response
X	ACTION: Offer Comments and/or Suggestions	✓	FYI

Subject/Remarks:

FORWARDING QUESTIONS REGARDING MOVE OF CENTER TO MEMPHIS

Due Date: 950523	Routing Date: 95051	Date Originated: 950518	Mail Date:

BRIAN P. BILBRAY
49TH DISTRICT, CALIFORNIA

COMMERCE COMMITTEE

SUBCOMMITTEE ON
HEALTH AND ENVIRONMENT

SUBCOMMITTEE ON
COMMERCE, TRADE AND
HAZARDOUS MATERIALS

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House of Representatives
Washington, DC 20515

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WASHINGTON, DC 20515
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DISTRICT OFFICE:

1011 CAMINO DEL RIO SOUTH
SUITE 330
SAN DIEGO, CA 92108
(619) 291-1430

May 18, 1995

Please refer to this number
when responding 950519-5

The Honorable Alan J. Dixon, Chairman
Defense Base Closure and Realignment Commission
1700 North Moore Street
Suite 1425
Arlington, Virginia 22209

Dear Mr. Chairman:

I am writing to follow up on two previous letters to the Defense Base Closure and Realignment Commission (BRAC) regarding the proposed realignment of the Naval Health Research Center located in San Diego.

This letter seeks answers to a series of questions regarding the initial assumptions and justifications utilized to reach the realignment conclusion.

1. **Structure:** The NHRC is a fourth echelon Bureau of Medicine and Surgery (BuMed) command which conducts biomedical research on the operational units of the Navy and Marine Corps. The BRAC recommendation seeks to split Navy biomedical research and development functions between the BuMed and the Bureau of Personnel (BuPers). Currently, all Department of Defense (DoD) biomedical research is coordinated through the Armed Services Biomedical Research Evaluation and Management (ASBREM) Committee which is co-chaired by the deputies of DoD Health Affairs and Defense Research and Engineering and is staffed by representatives of each of the service Surgeons General. Considering current resources and mission, how will the ASBREM accommodate BuPers within its structure? How will BuPers acquire and manage medical Program 6 resources? Can Navy medical billets be assigned to BuPers, and if so, how will this affect medical mobilization plans? How will BuPers support the human use requirements of medical research (e.g., Committee for the Protection of Human Subjects, advanced cardiac life support (ACLS) qualified physicians as medical monitors, etc.)? How will medical R&D requirements be distributed between BuMed and BuPers?

2. **Tri-Service Joint Operation:** Since 1982 and in continuing response to Congressional concerns about potential duplication in Service medical research programs, defense medical R&D programs are subject to joint coordination and oversight of the ASBREM Committee. In November, 1994, the ASBREM Committee Medical Research Development and Acquisition for the 21st Century (RDA-21) report entitled "Consolidation of Defense Medical Research and Medical Materiel Development" recommended the consolidation of all DoD medical R&D into a single Armed Forces

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Medical R&D Agency (AFMRDA). The extensive data calls for the RDA-21 study focused on proximity to mission related organizations, mission, geographic/climatological features, licenses & permits, environmental constraints, geopolitical constraints, special support infrastructure, engineering development by ACAT, in-service engineering, direct funding, other obligation authority, major equipment and facilities, laboratory facilities, capacity-similar workyears, capacity-other workyears, military construction, land use, utilities, and activity productivity (e.g., product candidates transitioned, technical reports, journal publications, book chapters, directives, cooperative research and development agreements, training provided, and support to military mobilization, deployment and operations). In this exhaustive tri-service study of all military medical R&D, many facilities were recommended for closure or physical consolidation. The recommendation for NHRC, however, was to establish the Armed Forces Medical Research Unit-3 to retain customer-linked capability in San Diego. The Department of the Navy BRAC '95 recommendations, on the other hand, state that NHRC's "consolidation with the Bureau of Naval Personnel not only reduces excess capacity but also aligns this activity with the DON's principal organization responsible for military personnel and the primary user of its products." What excess capacity has the Navy identified that the RDA-21 study did not? BuPers funding accounts for less than three percent of NHRC's budget. On what basis is BuPers identified as the primary user of NHRC's products? Did the Navy BRAC 95 analysis consider the proposed medical research laboratory consolidation as directed by the Office of the Secretary of Defense?

The NHRC already conducts a number of joint programs with the other services. Some examples include medical database development with the Air Force, protective equipment studies with the Army, thermal stress studies with the Army, disposable eye/respiratory protection research for the Air Force, load carriage studies which will transition to the Army, tri-service studies on phase change materials for micro-climate cooling, defense women's health research, HIV research, and DoD Gulf War Unexplained Illness Research. What is the joint service impact of NHRC realignment to Memphis? Did the Department of the Navy (DoN) utilize this data in BRAC '95 analyses?

3. **Proximity to Operational Units:** The majority of NHRC's research is in the area of Military Operational Medicine. This will be one of the four directorates of the new AFMRDA. The advance team for the AFMRDA has established the following Mission for the Military Operational Medicine directorate:

"Mission: Conduct an integrated program of research and development which provides medical solutions to prevent disease and injury, sustain individual and unit performance, facilitate medical planning, and improve readiness and safety. Provide medical countermeasures to occupational and environmental hazards. Assist line commanders and non-medical material developers by generating biomedical information to maximize operational health and safety, and individual and unit performance."

The execution of this research requires access to military personnel within the context of their operational units (e.g., ships, submarines, aircraft, Marine Corps field operations, SEAL team exercises, etc.). Close intensive interaction with operational units allows researchers to; (a) identify emergent biomedical needs for the fleet, Marine Corps, and Special Warfare communities, (b) establish and maintain credibility with operational units, (c) develop biomedical interventions through an iterative exchange of laboratory and field platforms, and (d) transition or evaluate "off the shelf" or military-specific technologies to the fleet and Marine Corps. What population will a Memphis based Medical R&D facility target to fulfill the stated mission? NHRC in San Diego is the only military medical R&D facility which has direct access to U.S. Navy ships, Marine Corps personnel, recruits, and/or SEALs. NHRC is currently; (a) aboard San Diego-based Navy ships to conduct studies of telemedicine, computer assisted diagnosis, sexually transmitted disease prevention during deployment, and health care for women aboard ship, (b) at the Marine Corps Recruiting Depot studying soft tissue injury prevention and rehabilitation (transitioning work to Army and Air Force), (c) aboard a San Diego-based submarine to study circadian rhythm countermeasures aboard submarines, (d) with the San Diego-based Navy SEALs to study hypothermia, biomedical enhancement, and biomedical protective equipment (transitioning results to Army rangers), and (e) with Camp Pendleton Marines to study respiratory disease epidemics (coordinated with the San Diego-based Navy Environmental Preventive Medicine Unit-5), injury reduction, and microclimate cooling to prevent heat stress. What is the rationale for moving an operational medical research facility from San Diego where it is near its research populations and their operational platforms to Memphis? The Navy BRAC '95 analysis states that the "resulting synergy [of the consolidation with BuPers] enhances the discharge of this responsibility while achieving necessary economies." What is the synergy that is achieved? How does the move to Memphis "enhance the discharge" of the military operational medicine responsibility? Did the Navy BRAC analysis consider the loss of synergy with NHRCs San Diego biomedical research partners such as the University of California, San Diego (School of Medicine, Neuroscience Department), San Diego State University (Graduate School of Public Health, Physiology Department), Children's Hospital, Naval Medical Center, San Diego, and the Navy Environmental Preventive Medicine Unit-5?

4. **Base Operating Support (BOS) and Real Property Maintenance (RPMA):** The current annual overhead cost for NHRC is approximately $999k (BOS-$756k, RPMA-$243k). This is one of the lowest overhead rates in the Navy medical R&D community. The COBRA projected annual BOS rate for NHRC in Memphis at only $112k, an 85% reduction, and the annual RPMA at zero. How can the cost of operating a facility possibly be so different between these locations, particularly when considering the increased utility costs for heating and cooling in Memphis? Is this an estimate of cost shifting or cost saving? Has the receiving activity, BuPers, concurred with these figures?

5. **Military Personnel:** As part of the Navy downsizing, NHRC is already projected to lose one officer and three enlisted billets by 1999. This accounts for 4 of the 5 projected

reductions identified for elimination during the realignment. With these billets removed, what is the new estimate of savings from military personnel reductions expected from the realignment?

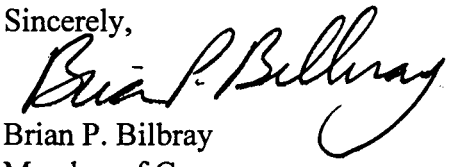
6. **Civilian Personnel:** In the Navy downsizing, NHRC is projected to reduce its civilian staff by 20% (10 positions). What is the actual number of civilian billets required to accomplish the NHRC mission in Memphis?

If NHRC is consolidated with BuPers, it becomes a Navy medical activity under line cognizance and in competition with the tri-service AFMRDA. If not consolidated with BuPers, a move to Memphis places NHRC in a tenant status with little, or no cost savings (NHRC is already a tenant activity in San Diego), it increases travel and moving costs, and it loses the customer link which was the rationale for keeping NHRC in the AFMRDA. The Navy projected that it would recoup the initial $6.2 million investment in four years by realizing recurring savings of over $1.4 million per year. After re-evaluating the cost issues I have outlined above, please let me know how any revised figures impact the expected return on investment period. Also please consider the broader organizational implications of consolidating a proposed DoD medical R&D asset into a Navy line activity.

The Naval Health Research Center is one of the most efficient and productive biomedical R&D facilities in the DoD. The transfer of this military operational medicine function to Memphis appears to adversely impact the mission, disrupt DoD consolidation efforts, and achieve no additional economies. I urge you to reconsider the BRAC recommendation and retain the medical RDT&E assets and capabilities of NHRC in San Diego within the Armed Forces Medical Research and Development Agency.

Thank you for your efforts to ensure that long term viability supersedes short term expediency as the DoD downsizes to meet future force and resource requirements and missions. I look forward to your response to this inquiry.

Sincerely,



Brian P. Bilbray
Member of Congress

BPB:gs

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THE DEFENSE BASE CLOSURE AND REALIGNMENT COMMISSION
1700 NORTH MOORE STREET SUITE 1425
ARLINGTON, VA 22209
703-696-0504

Please refer to this number
in your response 950403-11R

ALAN J. DIXON, CHAIRMAN

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WENDI LOUISE STEELE

April 7, 1995

The Honorable Brian P. Bilbray
United States House of Representatives
Washington, D.C. 20515

Dear Representative Bilbray:

Thank you for your letter expressing support for the Naval Health Research Center (NHRC) in San Diego. I certainly understand your interest in the base closure and realignment process and welcome your comments.

You may be certain that the Commission will thoroughly review the information used by the Defense Department in making its recommendations. I can assure you that the information you have provided will be considered by the Commission in our review and analysis of the Secretary of Defense's recommendation on the NHRC.

Members of the Commission staff plan to visit the NHRC while visiting other San Diego area facilities. The exact time and date of the visit is not as yet confirmed. We will contact you office as soon as this information is finalized.

I look forward to working with you during this difficult and challenging process. Please do not hesitate to contact me whenever you believe I can be of service.

Sincerely,

Alan J. Dixon
Chairman

AJD:js
ECTS#: 950403-11

FAX

Date 18 May 1995

Number of pages including cover sheet 2

TO: MR. CHARLES NEMFAKOS

Executive Director, BSAT

Phone 703-681-0450

Fax Phone 703-756-2174

FROM: Alex Yellin

Review and Analysis-Navy Team

Defense Base Closure and Realignment Commission

1700 N. Moore St., Suite 1425

Arlington, VA 22209

Phone 703-696-0504

Fax Phone 703-696-0550

CC:

REMARKS: ☐ Urgent ☐ For your review ☐ Reply ASAP ☐ Please Comment

Mr. Nemfakos,

The following questions pertain to our analysis of the recommended moves of NPRDC and NHRC from San Diego to Memphis.

1. Losing Base Static base Input Screens (screen 4) for both NHRC and NPRDC COBRAs use data for the tenant commands (even though NHRC's input is labeled as NCCOSC). The gaining base's input on the same screen are those for the host command, BUPERs, at Memphis. It is our understanding that host costs should be compared to host costs and that NRaD data should be used for the losing base, vice NHRC and NPRDC. If this were done, how would the COBRA results change?

2. NHRC COBRA shows a MILCON avoidance of $680,000 for the cancellation of a project to move laboratory space currently at NTC San Diego to the Fleet Combat Training Center. We understand that this BRAC MILCON project is budgeted for FY-96 to accommodate NTC closing schedule. The scenario shows personnel moving from San Diego to Memphis in FY-99. Will this project actually be canceled, and if so, how will NHRC perform its mission for the interim until moving to Memphis?

3. The personnel numbers and operating costs for BUPERs on both NHRC and NPRDC COBRAs appear to be high. Do these numbers encompass personnel and costs residual from NAS Memphis and should they be revised to reflect only BUPERs?

4. NHRC's COBRA accounted for increased TAD and travel costs incurred due to the command's move away from a concentrated source of test subjects (the fleet). Should such costs be included in the NPRDC scenario?

5. Navy and DoD recommendations regarding NHRC state that BUPERs is the primary user of NHRC's research products and as such, would be more properly collocated with that command. Our site visits indicated that the vast majority of NHRC's work is BUMED oriented and that NHRC is in BUMED's chain of command. Please provide data that supports the BUPERs primary user statement.

6. With regard to NHRC, BSAT deliberations on 12 December indicated that NHRC travel costs could be reduced by using facilities in closer proximity to test subjects and investigators. The example given, NAMRI, is recommended for closure. How would the closure of this facility affect NHRC's travel/TAD costs? Which other commands were considered for NHRC programs which require close proximity to test subjects?

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THE DEFENSE BASE CLOSURE AND REALIGNMENT COMMISSION
1700 NORTH MOORE STREET SUITE 1425
ARLINGTON, VA 22209
703-696-0504

ALAN J. DIXON, CHAIRMAN

COMMISSIONERS:
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S. LEE KLING
RADM BENJAMIN F. MONTOYA, USN (RET)
MG JOSUE ROBLES, JR., USA (RET)
WENDI LOUISE STEELE

May 26, 1995

Dr. Anita Jones
Director, Defense Research and Engineering
Room 3E1014
The Pentagon, Washington, DC 20301

Dear Dr. Jones:

As we're sure you are aware, one of the recommendations forwarded to the Commission by the Secretary of Defense is to disestablish the Naval Medical Research Center (NHRC) in San Diego and move personnel, equipment, and functions to the Bureau of Naval Personnel in Memphis. To aid the Commission in its analysis of this recommendation, the local community has provided us with material pertaining to the proposed establishment of an Armed Forces Medical Research and Development Agency (AFMRDA). We are writing to you in your capacity as the Chairman of the Armed Services Biomedical Research, Evaluation, and Management Committee (ASBREM), the study group that developed this proposal.

We understand that AFMRDA is not yet stood up, but the Services have agreed in principle and the Agency may be established later this year. The local community in San Diego has expressed concern over the fact that NHRC is identified in the AFMRDA plan as a candidate to become an Armed Forces Medical Research Unit. The community contends that moving NHRC to Memphis would prevent this from happening because NHRC's utility to AFMRDA is predicated on its location on the west coast and its close proximity to fleet units and test subjects. Answers to the following questions would greatly assist us in addressing this concern, and we are hoping that you may be able to address them as Chairman, ASBREM.

1. If NHRC were disestablished and its functions moved to Memphis to become part of the Bureau of Naval Personnel, how would this affect NHRC's ability to perform the mission envisioned for it under AFMRDA?

2. If NHRC were to relocate to Memphis, but were to retain its identity as a stand-alone research center under the direction of the Bureau of Medicine and Surgery, how would this change your answer to question 1 above?

In advance, thank you for your assistance, and we look forward to your response.

Sincerely,

David S. Lyles
Staff Director

FAX

Date 7Jun95

Number of pages including cover sheet 1

TO: MR. CHARLES NEMFAKOS

Executive Director, BSAT

Phone 703-681-0450

Fax Phone 703-756-2174

FROM: Alex Yellin

Review and Analysis-Navy Team

Defense Base Closure and Realignment Commission

1700 N. Moore St., Suite 1425

Arlington, VA 22209

Phone 703-696-0504

Fax Phone 703-696-0550

CC:

REMARKS: ☐ Urgent ☐ For your review ☐ Reply ASAP ☐ Please Comment

SUBJ: NHRC AND NPRDC

Mr. Nemfakos,

1. Please provide a COBRA analysis that moves NHRC to Memphis as a tenant while retaining its identity as a BUMED activity. Please ensure that the number of personnel eliminated is adjusted to reflect the personnel necessary to support the command element that would be required.

2. The largest part of the cost savings for the NHRC and NPRDC recommendations involve overhead savings. Our review of the COBRA analyses shows static base information (employees and RPMA/BOS) for BUPERS, TN considerably in excess of the figures expected for Memphis after closure of the training center and reserve air station. The personnel and RPMA/BOS information is almost 4 times the figures projected by the Navy in 1993 for BUPERS in Memphis. In addition, the total base facilities figure for BUPERS appear low considering the number of personnel shown. Please comment on this.

Alex Yellin

OFFICE OF THE SECRETARY OF D[illegible]

WASHINGTON, D.C. 20301[illegible]

[illegible] 1994

MEMORANDUM FOR SECRETARY OF THE ARMY
SECRETARY OF THE NAVY
SECRETARY OF THE AIR FORCE

SUBJECT: Medical R&D Laboratory Consolid[illegible]

On 1 November 1994, we met with the [illegible]ice Acquisition Executives to review a proposal developed [illegible]ough the Armed Services Biomedical Research, Evaluation [illegible] Management Committee (ASBREM), for a jointly staffed, consolid[illegible] Armed Forces Medical Research and Development Agency u[illegible] the Army as Executive Agent. We recommend that this [illegible]olidation, depicted in the attachment, be implemented.

The proposed organization would serv[illegible] the single agency for DoD medical R&D, including Military O[illegible]tional Medicine, as shown in the attachment. Biomedically re[illegible] research falling outside the defined mission areas and exe[illegible]on responsibility of the new organization would continue to be [illegible]rdinated by ASBREM, under the DoD Reliance process.

The Military Departments are request[illegible] proceed with the detailed planning, staffing, and review [illegible]red to effect this consolidation. ASBREM, augmented to refl[illegible] the stakeholder interests in the proposed agency, will pr[illegible] oversight to the planning process. It is our intent that [illegible] process proceed as an effort of co-equals, leading to infras[illegible]ture reductions while preserving both essential medical R[illegible] capabilities and Service interests.

The proposed medical research labora[illegible] consolidation should be considered by the Military Depa[illegible]ts in their BRAC 95 analyses.

Stephen C. Joseph, M.D., M.P.H.
Assistant Secretary of
Defense (Health Affairs)

[illegible] K. Jones, Ph.D.
Dir[illegible], Defense Research
[illegible] Engineering

7 Apr 95
CAPT Robert Carter
Medical R&D consolidation office
Ft Detrick, MD
(301) 619-7217 (DSN 343)

ISSUE: What is the role of the Naval Health Research Center (NHRC), San Diego, in the consolidation of all military medical R&D into the Armed Forces Medical R&D Agency (AFMRDA)?

BACKGROUND:

- Consolidation being coordinated through Armed Services Biomedical Research Evaluation and Management Committee, established by congress in 1980.
- Consolidation endorsed by USD(A), ASD(HA), DDR&E, Service Assistant Secretaries RDA, and Service Surgeons General.
- Objective: maintain essential medical R&D capabilities not available from other sources while reducing redundancy and unifying the DOD medical R&D facility chain of command.
- NHRC provides unique capability:
  - to medical fleet support and medical readiness (e.g., casualty rate projection, epidemiologic health threat R&D, medical/dental allowance list development)
  - to operating forces (e.g., biomedical R&D for special forces, injury reduction R&D, deployable expertise)
  - to Navy BUMED (e.g., Navy HIV data base, organizational policy support, smoking cessation R&D, and health promotion R&D)
- NHRC's value is dependent upon location in San Diego; it is the only DOD medical R&D facility on the west coast!
  - proximity to multiple operational and training communities
  - ties to necessary data bases (took decades to establish)
  - access to assets/support at Navy teaching hospital and environmental & preventive medicine unit
  - liaison with CINC and TYCOMs re: medical R&D requirements
- Consolidated DOD medical R&D will need NHRC-like capability in San Diego.

DISCUSSION:

- Alternative cities are unsuitable to sustain NHRC capability (e.g., Memphis TN, Natick MA, Forest Glen MD) in AFMRDA.
- Availability of other facilities in San Diego would enable NHRC to vacate barracks location per BRAC; however, these barracks facilities are not affected by BRAC-95 actions.

RECOMMENDATION: Sustain NHRC-like capability in the San Diego area and consolidate it within the Armed Forces Medical R&D Agency.

Document Separator

Armed Services Biomedical Research Evaluation and Management (ASBREM) Committee Medical RDA-21 Project Office

Report

Consolidation of Defense Medical Research and Medical Materiel Development

November 1994

medical materiel acquisition life-cycle plans, programs, and budgets. Existing command-and-control and program management responsibilities for Defense medical RDT&E should be consolidated within the HQ, AFMRDA as the Armed Forces Medical Materiel Development Activity. The AFMRDA program management would be aligned into four management pillars: (1) Medical NBC Defense, (2) Combat Casualty Care, (3) Military Operational Medicine, and (4) Military Infectious Disease Research. Medical Materiel development should continue to be the responsibility of the Army Medical Materiel Development Activity, but it should be realigned under the AFMRDA. The AFMRDA structure (TAB 7) should consist of a Headquarters with the four management pillars (e.g., research directorates), a development activity, field research divisions aligned in support of the directorates, and medical research units managed separately from the research functions they support. Headquarters and Directorate staff requirements should be minimized through outsourced technical and analytical support. The missions and functions of the four directorates are shown at TAB 8. Organizational detail, laboratory, and BRAC impacts are displayed in Table 3.

Table 3. ASBREM Medical RDA-21 Project Office Proposal

Organization	Status	Proposal
HQ, Armed Forces Medical R&D Agency	• Does not exist	• Establish at Fort Detrick, MD • Establish Army Acquisition Executive as DoD Executive Agent • Collocate with HQ, USAMRMC in new HQ Building planned in Army MEDCOM MCA program • Consolidate Army, Navy and AFRRI command and control • Consolidate DoD medical RDT&E program management aligned into four Directorates: Medical NBC Defense, Military Operational Medicine, Combat Casualty Care, and Military Infectious Diseases Research; and designate Director as PM with DoDD 5000 series responsibility and authority for Defense Medical Materiel
HQ, U.S. Army Medical Research and Materiel Command	• Subordinate Command, U.S. Army MEDCOM • Army medical RDA management HQ	• Disestablish & consolidate R&D management functions in HQ, AFMRDA • Retain Army medical materiel acquisition & logistics functions at USAMRMC and collocate with HQ, AFMRDA

Organization	Status	Proposal
HQ, Naval Medical Research and Development Command	• Navy medical RDT&E management HQ	• Disestablish & consolidate RDT&E management functions in HQ, AFMRDA
U.S. Army Medical Materiel Development Activity	• Defense medical materiel developer for Army and Joint requirements • BRAC 91 consolidation site for medical materiel research	• Disestablish and re-establish as the AFMRDA Medical Materiel Development Activity & Deputy PM for Medical Systems
Armed Forces Radiobiology Research Institute	• DoD Component lab for ionizing radiation bioeffects S&T	• Disestablish command & control (C&C) and management of program (MP) functions and consolidate C&C functions with HQ, AFMRDA - MP in NBC Directorate • Establish Armed Forces Medical Research Unit (AFMRU) - 1 at AFRRI to sustain S&T capabilities
Naval Aeromedical Research Laboratory	• Naval medical RDT&E lab • Military Operational Health technology focus	• Disestablish C&C and MP functions and consolidate C&C functions with HQ, AFMRDA - MP in Mil Op Medicine Directorate • Establish as Field Office of AFMRU-9 to sustain customer linked medical R&D capabilities in Division of Health & Performance
Naval Biodynamics Laboratory	• Naval medical RDT&E lab • Military Operational Health technology focus	• Disestablish and close
Naval Dental Research Institute	• Naval medical RDT&E lab • To accommodate Army program (BRAC 91) as collocation • Military Dentistry technology focus	• Disestablish C&C and MP functions and consolidate C&C functions with HQ, AFMRDA - MP in Combat Casualty Care Directorate • Establish AFMRU-2 at Great Lakes • Consolidate Army and Navy program execution • Become part of Division of Maxillofacial Trauma and Dental Disease Prevention and Treatment

Organization	Status	Proposal
Naval Health Research Center	• Naval medical RDT&E lab • Conducts medical RDT&E in Infectious Diseases, Mil Op Health and Combat Casualty Care technology areas	• Disestablish C&C and MP functions and consolidate C&C functions with HQ, AFMRDA - MP in Mil Op Medicine Directorate • Establish AFMRU-3 to retain customer linked R&D capabilities in Divs of Health & Performance and Environmental Medicine
Naval Medical Research Institute	• Naval medical RDT&E lab • Conducts medical RDT&E in Infectious Diseases, Medical Biological Defense, Mil Op Health, and Combat Casualty Care technology areas • BRAC 91 collocation site for Army blood research	• Disestablish C&C and MP functions and consolidate C&C functions with HQ, AFMRDA - MP in Mil Op Medicine Directorate; Combat Casualty Care Directorate, and Infectious Diseases Directorate • Consolidate medical RDT&E functions at new Forest Glen lab (AFMRU-9)
Naval Submarine Medical Research Laboratory	• Naval medical RDT&E lab • Conducts medical RDT&E in Mil Op Health technology area	• Disestablish C&C and MP functions and consolidate C&C functions with HQ, AFMRDA - MP in Mil Op Medicine Directorate • Establish AFMRU-17 to sustain customer linked medical R&D capabilities in Div of Health & Performance
Army Aeromedical Research Laboratory	• Army medical RDT&E lab • Conducts medical RDT&E in Mil Op Health technology area	• Disestablish C&C and MP functions and consolidate C&C functions with HQ, AFMRDA - MP in Mil Op Medicine Directorate • Establish AFMRU-4 to sustain customer linked medical R&D capabilities in Divs of Health & Performance and Systems Health Hazards

Subject: ASBREM Medical RDA-21 Project Report

Organization	Status	Proposal
Army Medical Research Institute of Chemical Defense	• Army medical RDT&E lab • Conducts medical RDT&E in Medical Chemical Defense and Medical Biological Defense technology areas	• Disestablish C&C and MP functions and consolidate C&C functions with HQ, AFMRDA - MP in NBC Directorate • Establish AFMRU-5 to sustain medical RDT&E capabilities in Div of Chemical Defense
Army Dental Research Detachment	• Detachment of WRAIR • To collocate with NDRI (BRAC 91)	• Consolidate with AFMRU-2 • Becomes part of the Division of Maxillofacial Trauma and Dental Disease Prevention and Treatment
Army Research Institute of Environmental Medicine	• Army medical RDT&E lab • Conducts medical RDT&E in Mil Op Health technology area • BRAC 91 collocation site for Air Force heat physiology research	• Disestablish C&C and MP functions and consolidate C&C functions with HQ, AFMRDA - MP in Mil Op Medicine Directorate • Establish AFMRU-6 to sustain customer linked medical R&D capabilities in Divs of Health & Performance and Environmental Medicine
Army Medical Research Institute of Infectious Diseases	• Army medical RDT&E lab • Conducts medical RDT&E in Infectious Diseases and Medical Biological Defense technology areas	• Disestablish C&C and MP functions and consolidate C&C functions with HQ, AFMRDA - MP in NBC Directorate • Establish AFMRU-7 to sustain medical RDT&E capabilities in Div of Biological Defense
Army Institute of Surgical Research	• Army medical RDT&E lab • Conducts medical RDT&E in Combat Casualty Care technology Area • Moves into new building adjacent to new Brooke Medical Center • BRAC 91 consolidation site for Army trauma research	• Disestablish C&C and MP functions and consolidate C&C functions with HQ, AFMRDA - MP in Combat Casualty Care Directorate • Establish AFMRU-8 to sustain medical RDT&E capabilities in Divs of Mechanical Trauma & Burn Injury

Organization	Status	Proposal
Walter Reed Army Institute of Research	• Full spectrum Army medical RDT&E lab • Conducts medical RDT&E in all Defense medical technology areas	• Disestablish C&C and MP functions and consolidate C&C functions with HQ, AFMRDA - MP in Infectious Diseases, Combat Casualty Care, and Mil Op Medicine Directorates • Consolidate and sustain medical RDT&E capabilities at AFMRU-9 (under construction to replace existing WRAIR) at Forest Glen lab
	OVERSEAS LABORATORIES & DETACHMENTS †	
Naval Medical Research Unit -2 (Indonesia)	• Naval medical RDT&E lab • Conducts medical RDT&E in Infectious Diseases technology area	• Disestablish C&C and MP functions and consolidate C&C functions with HQ, AFMRDA - MP in Infectious Diseases Directorate • Establish AFMRU-10 and sustain medical RDT&E capabilities
Naval Medical Research Unit-3 (Egypt)	• Naval medical RDT&E lab • Conducts medical RDT&E in Infectious Diseases technology area	• Disestablish C&C and MP functions and consolidate C&C functions with HQ, AFMRDA - MP in Infectious Diseases Directorate • Establish AFMRU-11 and sustain medical RDT&E capabilities
Armed Forces Research Institute of the Medical Sciences - WRAIR SFA (Thailand)	• Army medical RDT&E detachment • Conducts medical RDT&E in Infectious Diseases technology area	• Disestablish C&C and MP functions and consolidate C&C functions with HQ, AFMRDA - MP in Infectious Diseases Directorate • Establish AFMRU-12 and sustain medical RDT&E capabilities

Organization	Status	Proposal
WRAIR-SFA (Kenya)	• Army medical RDT&E detachment • Conducts medical RDT&E in Infectious Diseases technology area	• Disestablish C&C and MP functions (WRAIR) and consolidate C&C functions with HQ, AFMRDA - MP in Infectious Diseases Directorate • Establish AFMRU-13 and sustain medical RDT&E capabilities
WRAIR-SFA (Brazil)	• Army medical RDT&E detachment • Conducts medical RDT&E in Infectious Diseases technology area	• Disestablish C&C and MP functions (WRAIR) and consolidate C&C functions with HQ, AFMRDA - MP in Infectious Diseases Directorate • Establish AFMRU-14 and sustain medical RDT&E capabilities
WRAIR-SFA (Germany)	• Army medical RDT&E detachment • Conducts medical RDT&E in Mil Op Health technology area	• Disestablish C&C and MP functions (WRAIR) and consolidate C&C functions with HQ, AFMRDA - MP in Mil Op Medicine Directorate • Establish AFMRU-15 and sustain medical RDT&E capabilities
Naval Medical Research Detachment (Peru)	• Naval medical RDT&E detachment • Conducts medical RDT&E in Infectious Diseases technology area	• Disestablish C&C and MP functions (NMRI) and consolidate C&C functions with HQ, AFMRDA - MP in Infectious Diseases Directorate • Establish AFMRU-16 and sustain medical RDT&E capabilities
Naval Medical Research Detachment (Kenya)	• Naval medical RDT&E detachment • Conducts medical RDT&E in Infectious Diseases technology area	• Disestablish and close • Consolidate functions under AFMRU-13

†Realignment of OCONUS activities requires coordination with CINCs and Department of State

II.b.3 Resource Management. Subject to ASBREM Board guidance and approval, the HQ, AFMRDA should be responsible for development of Defense Medical Materiel Modernization Plans that are fully responsive to, and relevant sections integrated with, OSD and Military Department modernization and master plans and the Defense Technology Area Plan.

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DEPARTMENT OF THE ARMY
U.S. ARMY MEDICAL RESEARCH AND MATERIEL COMMAND
FORT DETRICK, MARYLAND 21702-5012

REPLY TO
ATTENTION OF:

S: 2 December 1994

MCMR-ZD (70) 30 November 1994

MEMORANDUM FOR MEMBERS OF THE MEDICAL R&D CONSOLIDATION WORKING GROUP

SUBJECT: Implementation Planning for Consolidation in the New Medical Research Facility at Forest Glen, MD

1. The Armed Services Biomedical Research Evaluation and Management (ASBREM) Committee established the Medical RDA-21 Project Office to assess DOD medical research, development, test, and evaluation capabilities and recommend options for consolidation of medical research and development within an Armed Forces Medical Research and Development Agency (AFMRDA). The Director, Defense Research and Engineering and the Assistant Secretary of Defense (Health Affairs), after consultation with the Service Acquisition Executives, have approved implementation and staffing of an option for consolidation with the Army as Executive Agent. The ASBREM Medical RDA-21 Project Office, under the day-to-day oversight and direction of the Army Representative to the ASBREM Secretariat, and in coordination with his Service counterparts, is tasked with developing a detailed implementation plan to support provisional establishment of the AFMRDA in the March to April 1995 timeframe. The Medical Research and Development Consolidation Working Group (CWG) is to advise the ASBREM Medical RDA-21 Project Office on DOD laboratory research and development (R&D) capabilities required by the AFMRDA.

2. The CWG has six functional teams, they are:

a. Infectious Disease Research Team

b. Combat Casualty Care Research Team

c. Military Operational Medicine Team

d. Medical NBC Defense Team

e. Process Oversight and Function Integration Team

f. Administrative Integration Team

3. Individual team members may be reviewed at enclosure. The first five teams (i.e., 2a-e) of the CWG are scheduled to meet on 12, 13, 14, & 15 December 1994, in the Frederick, Maryland

MCMR-ZD
SUBJECT: Implementation Planning for Consolidation in the New Medical Research Facility at Forest Glen, MD

vicinity. Their immediate objective is to identify the following:

a. Medical R&D functions required to support the mission of the new consolidated organization.

b. Supporting science and technology (S&T) capabilities.

c. Minimal staffing and related laboratory facilities that will be housed in the new medical research building at Forest Glen, MD.

4. The primary focus of the first series of meetings is to assess the "fit" of required S&T capabilities against the current design for the new facility and define any required design changes. Design changes must be completed by the end of January 1995, in order to incorporate such changes in plans that will be sent to bidders for Phase 2 of the construction project. This timeline requires conducting this important exercise on a compressed schedule.

5. Please confirm your willingness and ability to participate as a member of the CWG with the Project Office NLT 2 December 1994. Additional guidance on the CWG tasking and general information on the 12-15 December meeting will be provided to you NLT 5 December 1994. If CWG team members are unavailable for this meeting, it is requested that they suggest an alternative representative with similar background and skills.

6. Point of contact for this action is the undersigned at 301-619-7377 or DSN 343-7377, or LTC Claude Woodard at 301-619-7364 or DSN 343-7364.

Encl

JOHN F. GLENN
COL, MS
Army Representative ASBREM
Secretariat

CF (w/o encl):
Dr. Osterman
Dr. Martin

NMRI-WRAIR CONSOLIDATION WORKING GROUP

FUNCTIONAL TEAMS

Medical NBC Defense Team
COL Jim Little - Team Chief
CAPT Eric Kearsley
COL Brian Schuster
COL Wallace Baze
CDR Jim Burens
LTC David Moore
LTC David Penetar
LTC John Wade
LCDR Paul Knechtges
Dr. Anna Johnson-Winegar
Dr. Charles Hoover
Dr. Carol Linden
Dr. Robert Reyes

Combat Casualty Care Research Team
CAPT Robert Gaugler - Team Chief
COL Robert Smallridge
COL Barbara Alving
CAPT Carl Junc
CAPT Robert Hartzman
CAPT Sheila Weinburg
COL Steve Hursh
LTC Chuck Yawler
LTC Robert Burr
CDR Lyn Yaffe
MAJ Stephen Bruttig
Dr. Fred Pearce
Dr. John Thomas

Military Operational Medicine Team
CAPT Robert Carter - Team Chief
COL Robert Gifford
COL Gregory Belenkey
COL Joel Hiatt
COL Dennis Shanahan
COL Garrett Polhamus
CAPT David Macys
CDR Ken Still
CDR Mike Lilienthal
CDR Michael Curley
CDR Angus Rupert
CDR Ed Marcinik
LT Dave Gummin
Dr. David Erwin
Dr. Stephen Nice

NHR

Infectious Disease Research Team
COL William Bancroft - Team Chief
COL John Boslego
CAPT Richard Hibbs
CDR Charlie Schlagel
Dr. Peter Jahrling
Dr. Curt Hayes

Process Oversight and Function Integration Team
COL John Glenn - Team Chief
CAPT Thomas Jones
COL Fred Tyner
COL Martin Crumrine
COL Richard Jones
CAPT Doug Ehrhardt
CAPT Mike Parsons
CAPT William Bishop
COL Gerald Jaax
COL Henry Fein

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CONSENSUS BRIEFING

ASBREM
Medical RDA-21
Project

CONSOLIDATION OF MEDICAL RDA FUNCTIONS IN DoD

1 November 1994

DR. J. OSTERMAN
DDR&E(E&LS)

PURPOSE

- Review ASBREM MEDICAL RDA-21 Project report highlights
- Develop Consensus for DoD Medical RDA
- Obtain decision on near-term course of action for Medical RDA

RECOMMENDATION

Approve Medical RDA-21 Project recommendation

- Army - Navy consolidation of RDT&E activities under one Agency
- Army designated as "service executive" for the Agency
- ASBREM Committee reconfigured as a "Board of Governors"
- Services will report human systems technology where appropriate

DEPSECDEF issue a decision memorandum with interim implementation guidance

Authorize "full staffing" of the draft DoDD

ASBREM MEDICAL RDA-21 OVERVIEW

PROJECT GOALS & OBJECTIVES

- ACHIEVE AFFORDABILITY FOR DoD MEDICAL RDT&E ENTERPPRISE
- MAINTAIN QUALITY OF DoD MEDICAL RDT&E
- BUILD TO MAINTAIN AN EFFICIENT, COST EFFECTIVE, AND WORLD CLASS MEDICAL TECHNOLOGY DEVELOPER FOR MILITARY UNIQUE RISKS TO HEALTH
  - ENHANCE READINESS --- PROTECT, SUSTAIN & TREAT
    - » MAINTAIN MEDICAL R&D CORE COMPETENCIES
    - » ENHANCE AFFORDABILITY OF THE FORCE
    - » PROMOTE VERSATILITY OF FORCE
    - » ENSURE DEPLOYABILITY OF FORCE
  - SUPPORT MILITARY OPERATIONS --- PROTECT, SUSTAIN & TREAT
    - » PROTECT LIFE
    - » OPTIMIZE OPERATIONS SUSTAINMENT
    - » TREAT CASUALTIES

MAINTENANCE OF ESSENTIAL CAPABILITIES IS THE CHALLENGE

ASBREM MEDICAL RDA-21 OVERVIEW

11 MAR 94 - ASBREM COMMITTEE INITIATED "MEDICAL RDA-21 PROJECT"

- PROJECT INITIATED AS TRI-SERVICE EFFORT TO CONSOLIDATE
- SEPARATE FROM BUT PARALLEL TO BRAC95-LABS
- PROJECT ACTIVITIES COORDINATED BY ARMY ASEC TO ASBREM
- PROJECT OFFICE LOCATED AT FT. DETRICK

APR-JUL - PROJECT RESULTS

- DATA CALLS TO ALL LABS ANALYSED FOR REINVENTION OPTIONS
- FOCUSSED CONSIDERATION: "DEFENSE AGENCY" & "SERVICE EXECUTIVE AGENCY" OPTIONS
- DEVELOPED THE "BOARD OF GOVERNORS" STRUCTURE
- FOCUSSED ON SEPARATION OF FACILITY MANAGEMENT FROM RDT&E PROGRAM MANAGEMENT

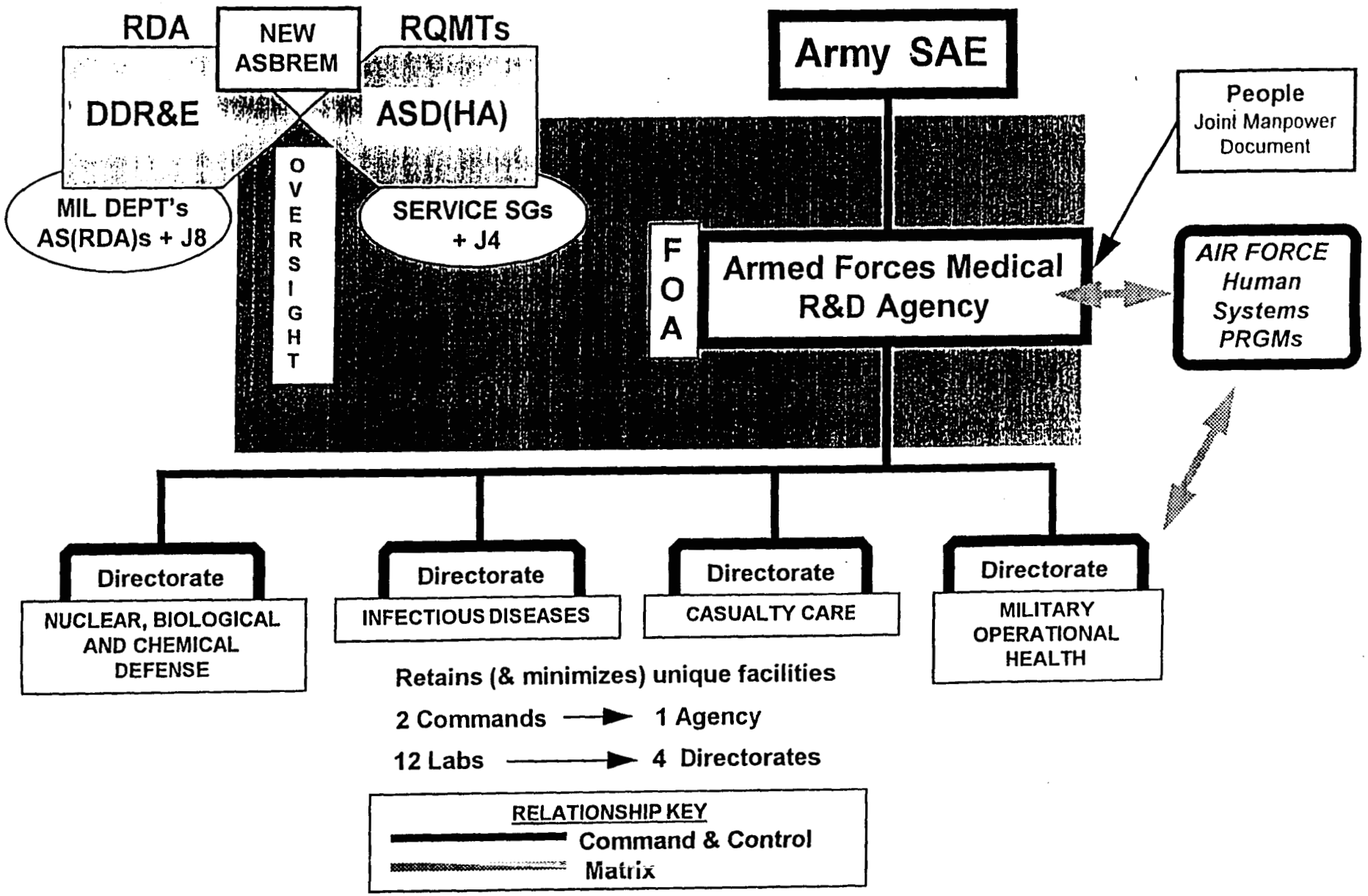
9 AUG 94 - ASBREM S&T REVIEW IPR ON PROJECT

- AIR FORCE HUMAN SYSTEMS TECHNOLOGY PROGRAMS MATRIXED WITH MEDICAL RDA-21 -- not consolidated
- HIGHLIGHTED A MODIFIED ASBREM TO ASSUME "BOARD OF GOVERNORS" ROLE
- HIGHLIGHTED A 4 PILLAR (RESEARCH DIRECTORATE) CONSOLIDATION
- PROGRAM MANAGEMENT SEPARATED FROM RUNNING LAB FACILITY

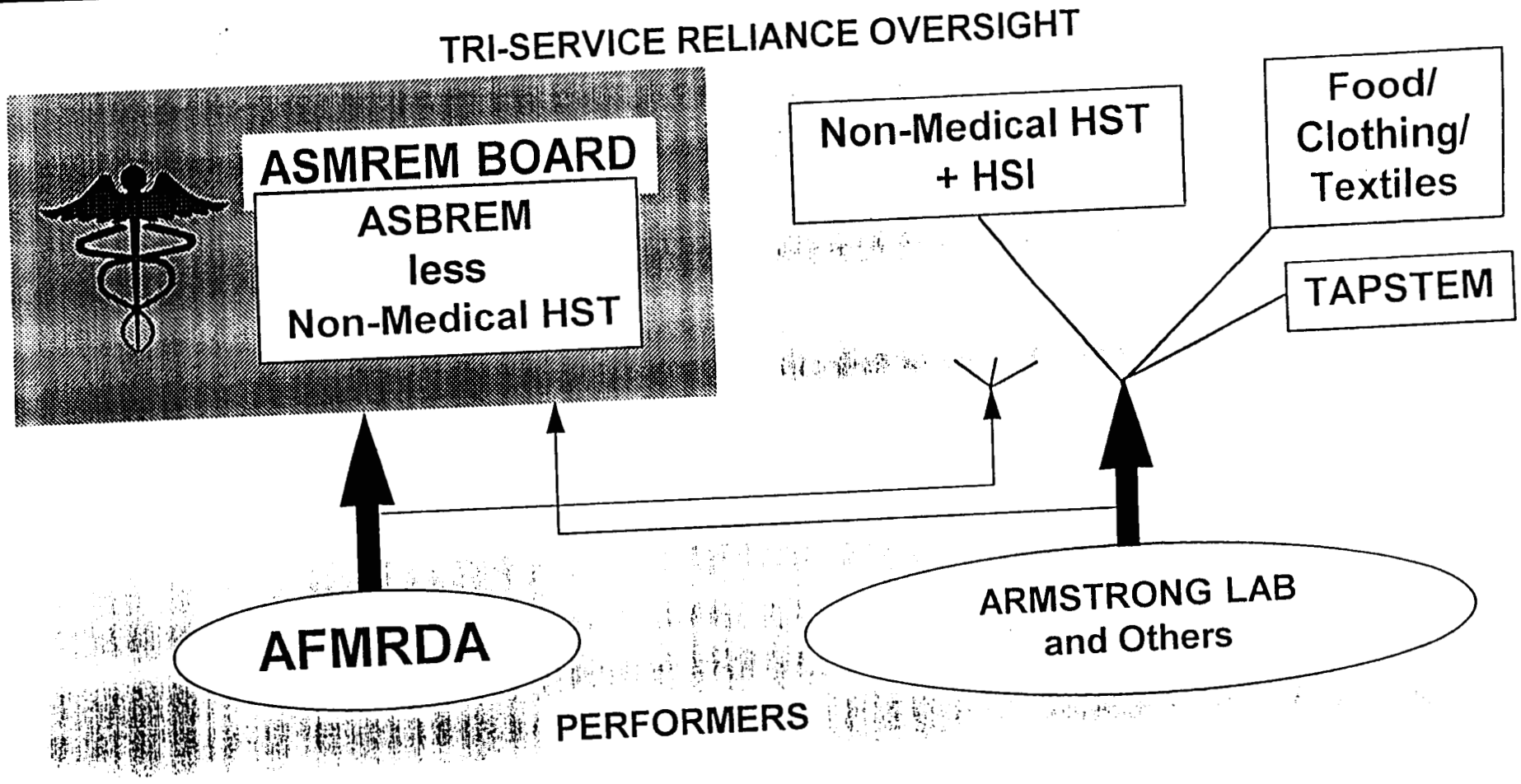
AUG- OCT - MEDICAL RDA-21 ACTIONS

- PROPOSAL FULLY DEVELOPED (DEVELOPED DRAFT DoDD; IDENTIFIED COST AVOIDANCE ELEMENTS; IDENTIFIED S&E POSITIONS FOR REINVESTMENT; DEFINED DIRECTORATE MISSION/FUNCTIONS DOWN THREE ECHELONS & EXAMINED STAFFING; ETC)
- SERVICE STAFFING - not formal, mainly in SAE and ASBREM chains
- CONSENSUS = consolidation is necessary to achieve affordability & Service Executive concept is the most viable

MEDICAL RDA21 PROPOSAL



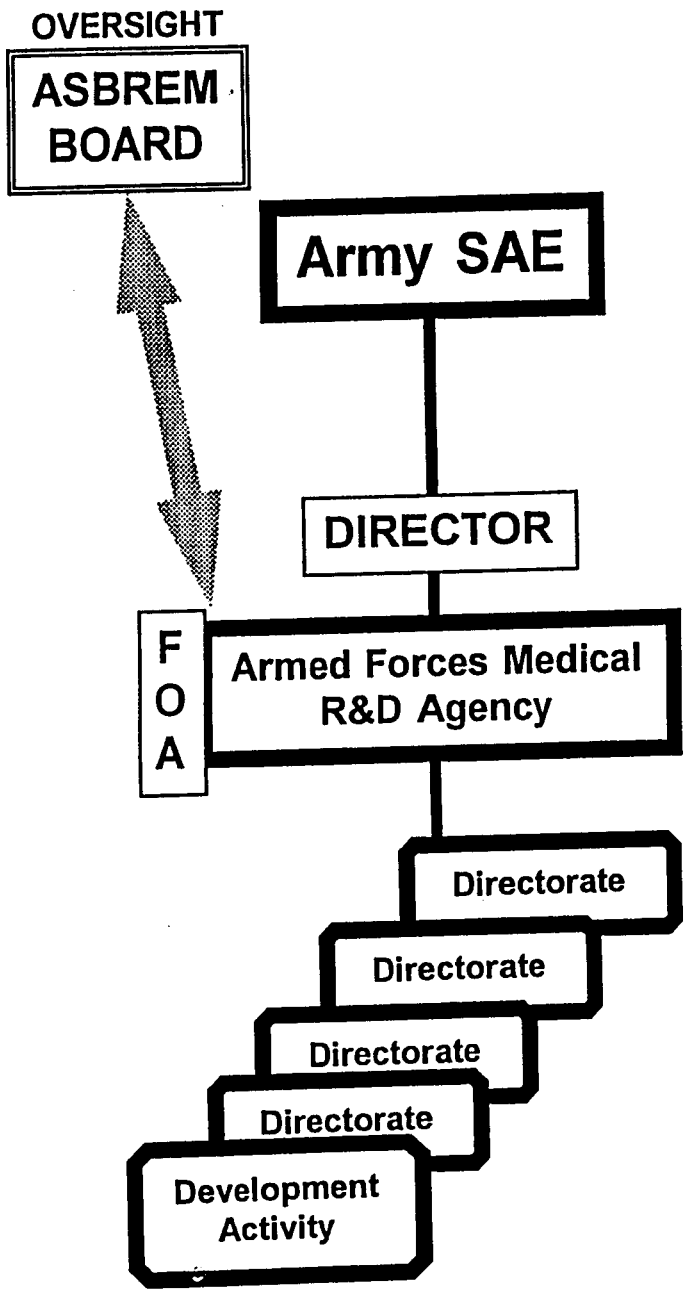
HOW WILL MATRIX AMONG PERFORMERS AND OVERSIGHT PANELS WORK
A RESOLUTION



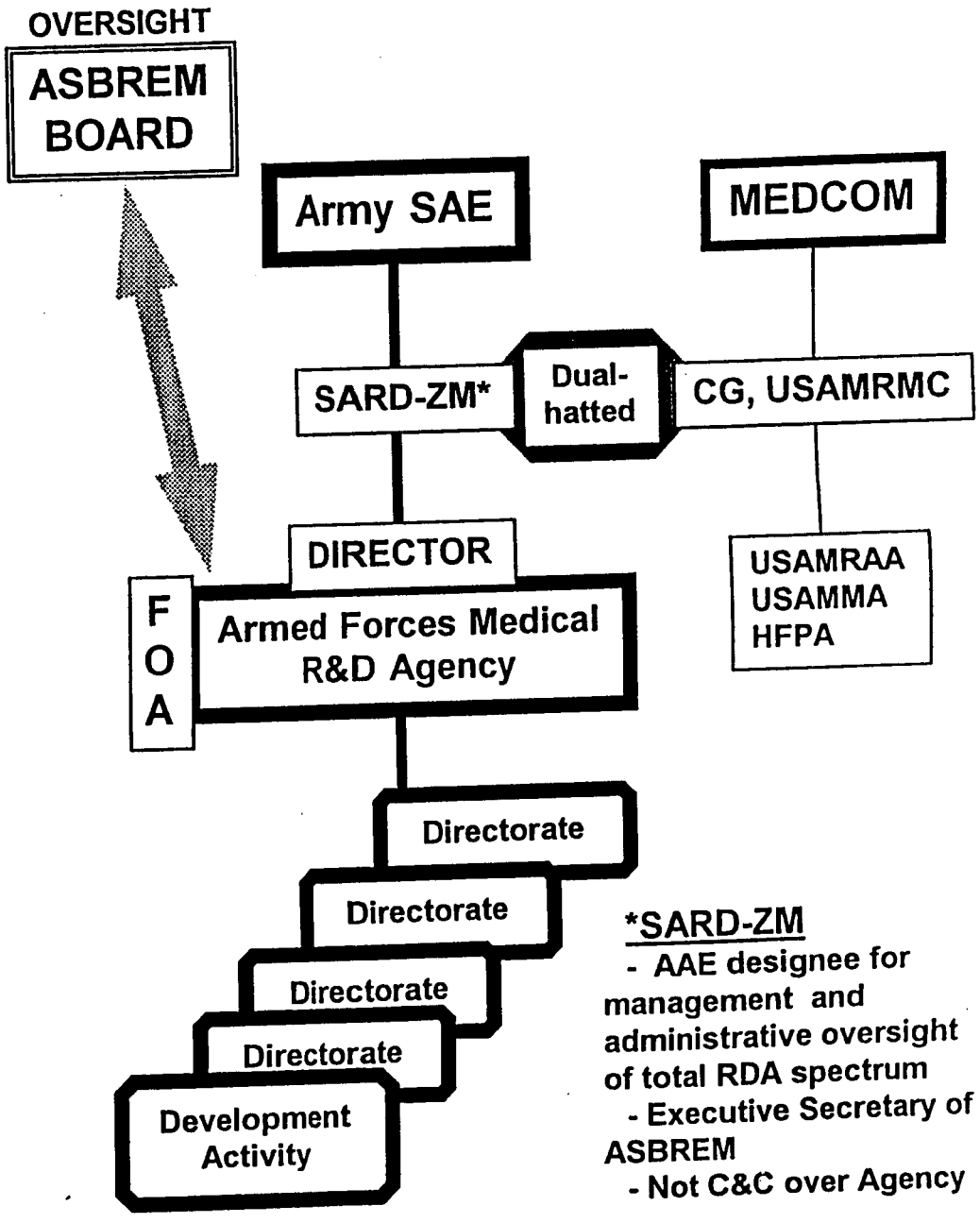
- OVERSIGHT PANELS CLEARLY SEPARATE "MEDICAL" AND "NON-MEDICAL"
- MATRIX COORDINATION -- PERFORMERS REPORT TO APPROPRIATE OVERSIGHT PANELS

RESOLUTION

MEDICAL RDA-21 MODEL



ARMY PROPOSAL FOR ...



***SARD-ZM**

- AAE designee for management and administrative oversight of total RDA spectrum
- Executive Secretary of ASBREM
- Not C&C over Agency

MEDICAL RDA-21

Key Features	Payoffs
• Single Agency for DoD Medical RDT&E - Army/Navy/AFRRI Consolidation	• Enhances affordability while maintaining mission capabilities • Consolidates administrative overhead at service, MACOM and laboratory level • Meets National Performance Review Goal thru reduction in management billets • Allows for rational approach to downsizing while preserving mission capabilities • Cost avoidance of new NMRI • 'One-Stop Shopping'
• Oversight by Reconfigured ASBREM	• Full integration of RDT&E and materiel requirement processes with Defense Health Services (Medical DAB/JROC) • Preserves Public Trust and confidence in military medical sciences and R&D
• Army as Executive Agent	• Utilizes existing RDA management infrastructure at no cost to the Agency • Retains linkage with Medical Materiel Acquisition & Logistics Developers thru MEDCOM

MEDICAL RDA-21

Key Features	Payoffs
• Matrixed to Human Systems Technology Performers	• Retains essential 'Medical' identity of Agency • Provides for Joint biomedical research coordination: Interfaces with Air Force and non-medical Army/Navy performers
• Resource Flexiblity - Joint Manpower Document - Core S&T plus Reimbursable Funding	• Responsive to mission and customer funding • Allows best utilization of uniformed scientists • Consolidates civilian S&E performers in order to simplify management & facilitate rightsizing
• Facility Management Separated from RDT&E Program Management	• Facility modernizations easily planned and executed • Allows for flexible sizing of service center and G&A requirements • Allows S&T managers to concentrate on mission
• Four Research Directorates Control Essential Missions	• Maintains core capability through functional alignment • Removes institutional barriers to cross-disciplinary & cross-capability research and to outsourcing • Eases ability to develop project teams as required by mission

REALIGNMENT LANGUAGE

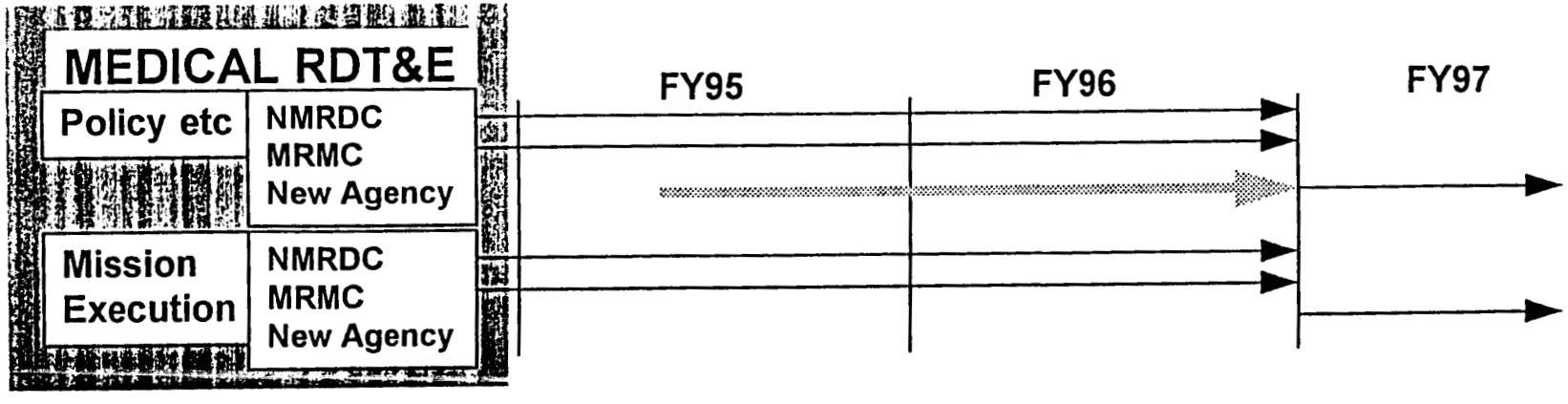
- COMBAT CASUALTY CARE R&D PROGRAMS
  - » CHANGE BRAC91 LANGUAGE FROM "COLLOCATE" TO "CONSOLIDATE"
  - » DENTAL
    - EXTEND FUNDING TO COVER DELAY IN MCA
  - » BLOOD
    - IF MOVED TO FOREST GLEN, COVER RENTAL OF FACILITY UNTIL FY99 & COVER RELOCATION
    - ALTERNATIVE, BRAC95 $$ TO PURCHASE GILLETTE FACILITY
- INFECTIOUS DISEASE R&D PROGRAMS
  - » CHANGE BRAC91 LANGUAGE FROM "COLLOCATE" TO "CONSOLIDATE"
  - » AT NMRI
    - DISESTABLISH & REALIGN AT FOREST GLEN FACILITY
  - » AT WRAIR
    - DISESTABLISH & REALIGN AT FOREST GLEN FACILITY

CLOSURE LANGUAGE

- NAVAL BIODYNAMICS LAB, NEW ORLEANS: CLOSE
- WRAIR: CLOSE UPON COMPLETION OF FOREST GLEN FACILITY
  (Beneficial Occupancy Date = 1999)
- NMRI: CLOSE UPON COMPLETION OF FOREST GLEN FACILITY (BOD = 1999)
- NMRDC: DISESTABLISH AND CLOSE; CONSOLIDATE UNDER AFMRDA

MEDICAL RDA-21 : TIMELINE FOR IMPLEMENTATION

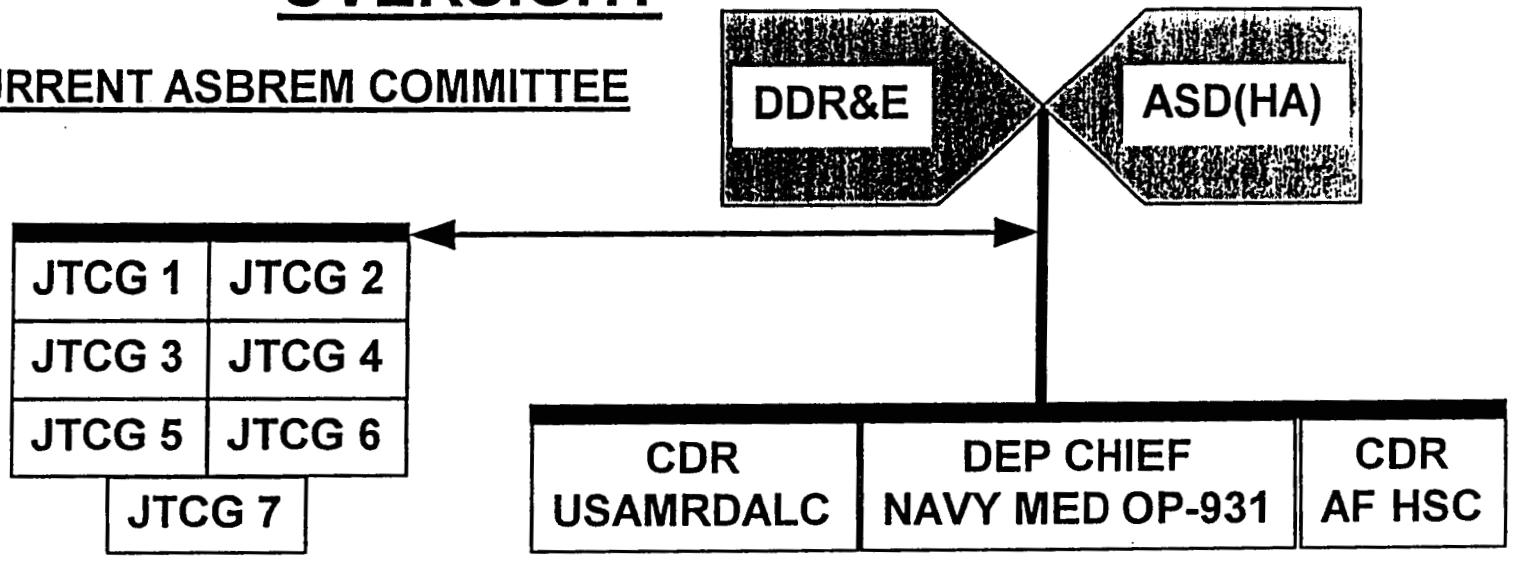
- **1 Nov 94** — CONSENUS MEETING: USD(AT), DDR&E, SAEs
- **17 Nov 94** — ASBREM APPROVES KEY DESIGN CRITERIA; CHARTERS IMPLEMENTATION OFFICE
- **Dec 94** — DEPSECDEF -- DECISION MEMORANDUM INITIATES STAFFING OF DODD
- **Dec 94 - Apr 95** — IMPLEMENTATION OFFICE ACTIVITY
  - staffs the DoDD for the 'Agency' (ASBREM provides arbitration)
  - Coordinates BRAC95 related actions & refines implementation plan
  - ASBREM Board meets & charters a selection process
- **31 Mar 95** — DODD SIGNED BY DEPSECDEF
  - ASBREM Board recruits & selects Provisional Agency Director + senior staff
- **1 May** — PROVISIONAL AGENCY ESTABLISHED; SENIOR STAFF SELECTED BY ASBREM BOARD
- **May 95 - Sep 96** — PROVISIONAL AGENCY ACTIONS
  - Draft, staff, publish Implementing REGs
  - Draft & publish AGENCY Policies etc
  - POM & PBS staffing
- **1 Oct 96** — NEW MEDICAL R&D AGENCY STANDS UP



BACKUPS

OVERSIGHT

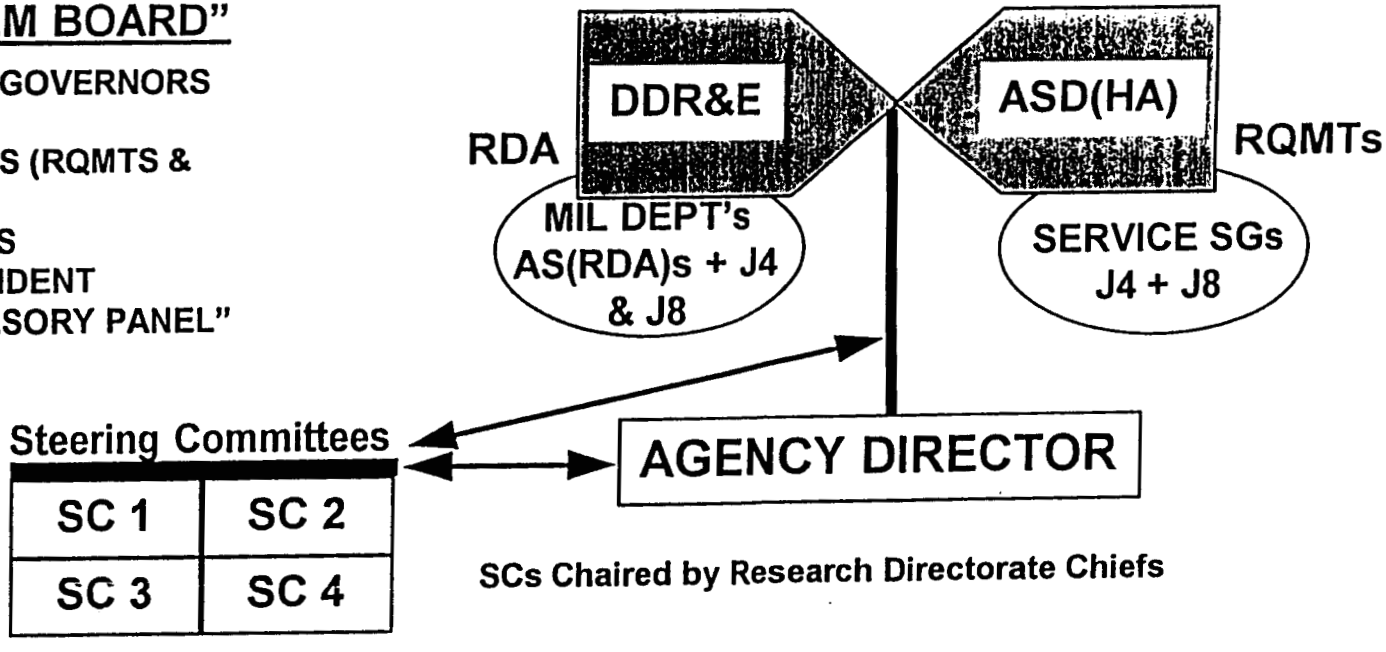
CURRENT ASBREM COMMITTEE



PROPOSED "ASBREM BOARD"

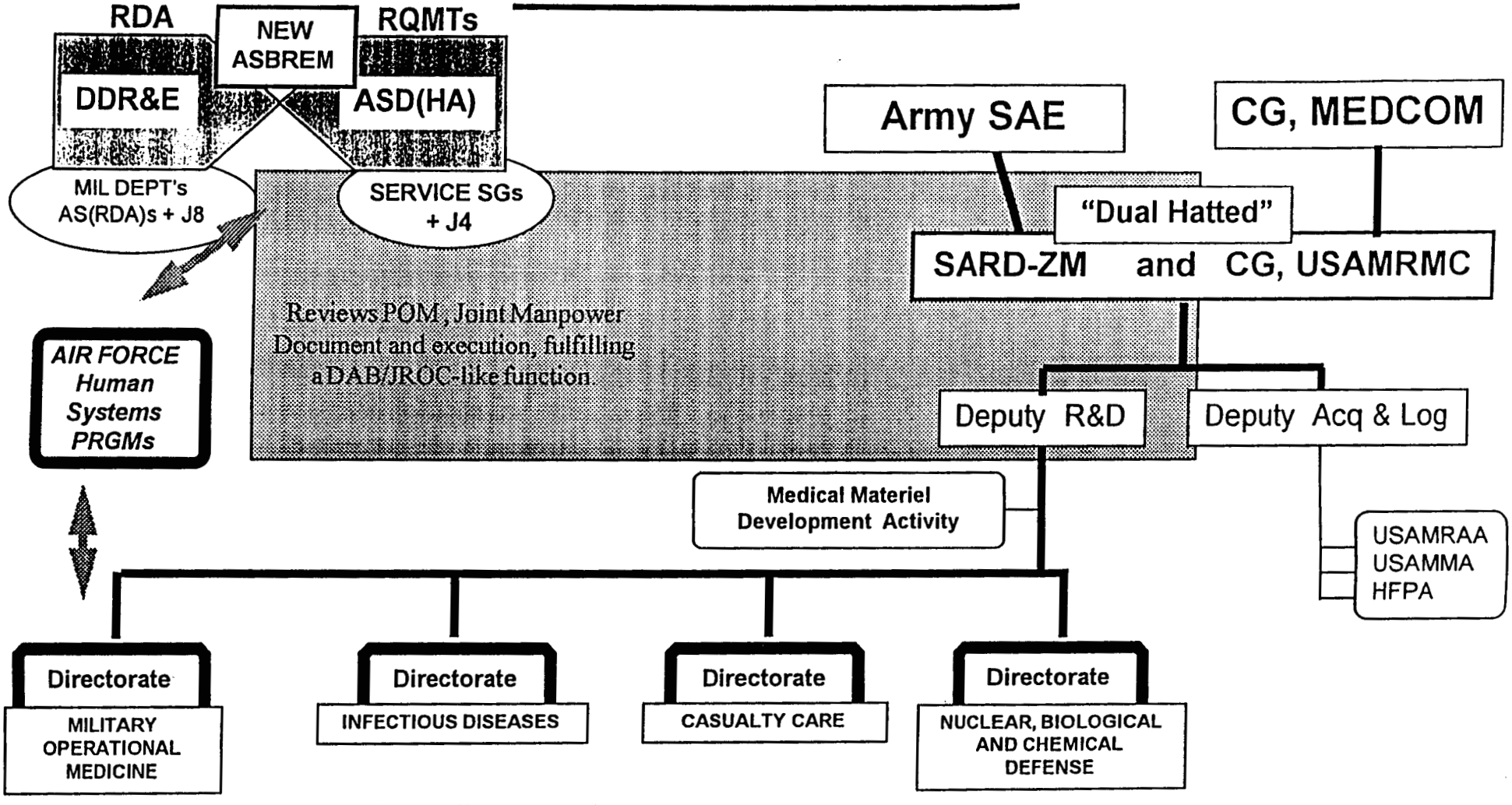
OPERATING AS BOARD OF GOVERNORS

- 2 PILLARS
- 2 STANDING COMMITTEES (RQMTS & RDA)
- 4 STEERING COMMITTEES
- ADVISED BY AN INDEPENDENT "MEDICAL SCIENCE ADVISORY PANEL" OF DSB



SCs Chaired by Research Directorate Chiefs

ARMY POSITION



Differences from "ORIGINAL" Concept

- Concept of Operational Control is different than the AFIP-like model of Executive Agent
  - Agency Commander/Director & Board Of Governors are within the RDA system, not independent of it
  - Full integration into business practices of Executive and OSD
- Provides for full RDA integration - "cradle to grave" - by dual-hatting Commander, USAMRMC as SARD-ZM

SUCCESS CRITERIA (2001 REVIEW)

MEDICAL RDT&E MANAGEMENT OVERSIGHT

- SIGNIFICANT REDUCTION IN MANAGEMENT BILLETS REQUIRING S&Es
- FACILITY MODERNIZATION HAS RATIONAL TIMECOURSE & COST
- NATIONAL INTEREST IN LEADERSHIP BILLETS OF AGENCY
- ASBREM BOARD IS MODEL FOR RDT&E INTEGRATION WITH MATERIEL REQUIREMENTS PROCESSES
- MEDICAL DEVELOPMENT ACTIVITY HAS NATIONAL PROMINANCE
- RATED AS EXCELLENT IN LINE CUSTOMER SURVEYS OF PRODUCT DELIVERY

MEDICAL SCIENCE & TECHNOLOGY

- CURRENT ARMY STOs ARE DELIVERED ON-TIME
- AGENCY REPUTATION AS A NATIONAL RESOURCE IN MEDICAL S&T IS SUSTAINED & ENHANCED
- AGENCY REPUTATION AS AN INTERNATIONAL RESOURCE FOR INFECTIOUS DISEASE SUSTAINED & ENHANCED
- FIERCE COMPETITION TO WORK IN AGENCY LABORATORIES
- LINE CUSTOMERS SEEK S&T PRINCIPALS AS ADVISORS
- LASKER AWARD WON BY AN AGENCY SCIENTIST (E.G., SOLVE MALARIA)

There is One Major Assumption Critical to Success

- That the Service resources now programmed for support of medical RDTE, including both funding streams (RDTE & Baseops), and uniformed and civilian authorizations, can be fully captured for the new FOA/Agency so that downsizing decisions can be made on the basis of overall DoD programmatic needs (i.e., OSD must not allow Services to use medical RDTE assets as billpayers prior to transfer).

Document Separator

DIRECTOR OF DEFENSE RESEARCH AND ENGINEERING
3030 DEFENSE PENTAGON
WASHINGTON, D.C. 20301-3030

JUN 19 1995

Mr. David S. Lyles
Staff Director
The Defense Base Closure
and Realignment Commission
1700 North Moore Street
Suite 1425
Arlington, VA 22209

Dear Mr. Lyles:

This is in response to your May 30, 1995 letter regarding the proposed disestablishment, realignment, and relocation of Naval Health Research Center (NHRC), San Diego, California.

Your letter presented two possible outcomes for NHRC, and questioned their impact on the center's ability to perform its mission under the Armed Forces Medical Research and Development Agency (AFMRDA). Our plans for AFMRDA are progressing well; they include the establishment of a provisional AFMRDA late this year, and incorporate NHRC's medical research capabilities in areas of military health, safety, and operational performance.

In your first scenario, NHRC would be disestablished, and its personnel, equipment and functions would merge with the Bureau of Naval Personnel (BUPERS) in Memphis, Tennessee. This option could potentially destroy the unique medical RDT&E capabilities now resident at NHRC. NHRC and BUPERS have distinct and different missions, supported by different technologies. NHRC's resources are tailored for medical research. It could be counterproductive to place these assets and scientific programs within a Command with an unrelated mission, and could lead to organizational and professional isolation.

In your second scenario, NHRC would remain a stand-alone research center under the Bureau of Medicine and Surgery (BUMED), and would relocate to Memphis. This option appropriately aligns organizations with consistent, medical missions. However, the relocation of NHRC to Memphis would create costs and inefficiencies that would diminish the usefulness of NHRC for applied medical research and development. It would sever critical ties among NHRC's scientists and the operational groups they support. These linkages should not be undervalued; they are essential for ensuring the appropriate design of research products, customer acceptance, and transition to the user community. Such ties might be reestablished with Naval and Marine operational units on the East Coast, but building these connections requires trust and credibility, substantial time, and dedicated effort. Frequent travel between Memphis and Atlantic coast military bases would significantly increase the cost of research, and diminish productivity.

In Memphis, NHRC's medical scientists also would lose fruitful collaborations with local preventive and environmental medical organizations. These linkages in San Diego have allowed a sharing of medical expertise among RDT&E and clinical groups, and have been critical to the success of NHRC's efforts in epidemiology, occupational health, and HIV surveillance.

Under either scenario, the Department of Defense will lose an important and unique medical RDT&E capability. From my perspective as Chairperson of the Armed Services Biomedical Research Evaluation and Management Committee, I believe that retaining NHRC under AFMRDA in the San Diego area has many positive functional benefits which I hope the Commission will take into account in reaching its final decision on this matter.

Sincerely,

(for) Anita K. Jones

Document Separator

Jeff

DEPARTMENT OF THE NAVY
OFFICE OF THE SECRETARY
WASHINGTON, D.C. 20350-1000

LT-0774-F15
BSAT/WC
25 May 1995

The Honorable Alan J. Dixon
Chairman, Defense Base Closure
and Realignment Commission
1700 North Moore Street
Suite 1425
Arlington, VA 22209

Dear Chairman Dixon:

The response to questions asked by Mr. Alex Yellin on 18 May 1995 concerning the Naval Health Research Center, San Diego, and the Naval Personnel Research and Development Center, San Diego, are attached. In accordance with Section 2903(c)(5) of the Defense Base Closure and Realignment Act of 1990, I certify the information provided to you in this transmittal is accurate and complete to the best of my knowledge and belief.

I trust this information satisfies your concerns. As always, if I can be of any further assistance, please let me know.

Sincerely,

Charles P. Nemfakos
Vice Chairman,
Base Structure Evaluation Committee

Attachment

DEFENSE BASE CLOSURE AND REALIGNMENT COMMISSION QUESTIONS CONCERNING .NHRC and NPRDC SAN DIEGO

Q1. Q1. Losing Base Static base Input Screens (screen 4) for both NHRC and NPRDC COBRAs use data for the tenant commands (even though NHRC's input is labeled as NCCOSC). The gaining base's input in the same screen are those for the host command, BUPERs, at Memphis. It is our understanding that host costs should be compared to host costs and that NRaD data should be used for the losing base, vice NHRC and NPRDC. If this were done, how would the COBRA results change?

A1. There is no requirement to compare host costs to host costs in a COBRA scenario. In reality, COBRA analyses should be conducted in a manner that presents the most reasonable and accurate estimate of costs and savings associated with a closure scenario. We believe that by only including BOS costs paid by the tenant activity (in this case NHRC and NPRDC, respectively), we have taken a conservative approach in estimating savings at the losing base. Had we allowed the COBRA algorithms to run using the NRAD host BOS costs, recurring savings would have increased for each of the two scenarios. In the case of NHRC, annual savings would increase by approximately $100 K per year. For NPRDC, annual savings would increase by approximately $500 K per year.

Q2. NHRC COBRA shows a MILCON avoidance of $680,000 for the cancellation of a project to move laboratory space currently at NTC San Diego to the Fleet Combat Training Center. We understand that this BRAC MILCON project is budgeted for FY-96 to accommodate NTC closing schedule. The scenario shows personnel moving from San Diego to Memphis in FY-99. Will this project actually be canceled, and if so how will NHRC perform its mission for the interim until moving to Memphis?

A2. The MILCON project (#384T) is being delayed pending the final decision of the BRAC recommendations. The project will be cancelled if NHRC is closed and relocated. The smooth and timely relocation of this small portion of NHRC equipment and functions, from their present location at NTC to Memphis, will be addressed in the implementation process to ensure minimal disruption to operations.

Q3. The personnel numbers and operating costs or BUPERs on both NHRC and NPRDC COBRAs appear to be high. Do these numbers encompass personnel and costs residual from NAS Memphis and should they be revised to reflect only BUPERs?

A3. These figures reflect the Bureau of Personnel operating as the host activity at Memphis, to include tenant activities. Since NHRC and NPRDC will be relocating to Memphis, not to Arlington, this is the appropriate data to use in this analysis, and is consistent with our other COBRA analyses.

Q4. NHRC's COBRA account for increased TAD and travel costs incurred due to the command's move away from a concentrated source of test subjects (the fleet). Should such costs be included in the NPRDC scenario?

A4. The final certified data call response for this scenario did not identify any requirements for additional travel once NPRDC is consolidated at BUPERS. In reality, travel savings may be achieved by this consolidation.

Q5. Navy and DoD recommendations regarding NHRC state that BUPERs is the primary user of NHRC's research products and as such, would be more properly collocated with that command. Our site visits indicated that the vast majority of NHRC's work is BUMED oriented and that NHRC is in BUMED's chain of command. Please provide data that supports the BUPERs primary user statement.

A5. The intent of the "primary user" statement was to show the close relationship that exists between BUPERs and NHRC. The research/numerous studies conducted by NHRC have a direct impact on the development of personnel related policies, assignments, and readiness. Examples of studies that depict this relationship can be found in the Military Value Data Call for Technical Centers and include: development of OPNAVINST 6400.1A Certification, Training and Use of Independent Duty Hospital Corpsman, development of body fat equations, development of physical readiness test score standards, etc. Similar examples of the relationship between NHRC and BUPERs can be found in the lists of missions outlined in the General Installation Information Data Call.

Q6. With regard to NHRC, BSAT deliberations on 12 December indicated that NHRC travel costs could be reduced by using facilities in closer proximity to test subjects and investigators. The example given, NAMRI, is recommended for closure. How would the closure of this facility affect NHRC's travel/TAD costs? Which other commands were considered for NHRC programs which require close proximity to test subjects.

A6. The costs for travel included in NHRC's data call was based on the assumption that all travel would be to and from the west coast. However, in reality, much, if not all of NHRC's field/laboratory testing can be duplicated on the east coast utilizing Navy/Marine Corps personnel concentrations and training sites, substantially reducing their need to travel to the west coast. The BRAC-95 recommendation to relocate NAMRI, a portion going to Walter Reed less than ten miles from their present location and the remainder of NAMRI's functions to be relocated to Panama City, FL, should not impact NHRC's travel costs.

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DEPARTMENT OF THE NAVY
OFFICE OF THE SECRETARY
1000 NAVY PENTAGON
WASHINGTON, D.C. 20350-1000

LT-0813-F16
BSAT/DMW
13 June 1995

Honorable Alan J. Dixon
Chairman, Defense Base Closure
and Realignment Commission
1700 North Moore Street
Suite 1425
Arlington, VA 22209

Dear Chairman Dixon:

As requested, we have conducted a COBRA analysis on the closure of NHRC San Diego that collocates, rather than consolidates, this activity at BUPERS, Memphis. A copy of the COBRA output reports, Scenario Development Data Call response and electronic copy of the COBRA data file are attached to this letter. Please note that in order to provide you the most timely response possible, we are forwarding an advance copy of the certified Scenario Development Data Call response used to conduct our COBRA analysis. We will forward a final copy of the data call response, with any attendant changes, certified through the entire chain of command, as soon as we receive it. We are also providing, as an attachment to this letter, the answer to your question on BOS costs at Memphis.

The only difference between the Commission-requested scenario and the Department of the Navy (DON) recommendation is that the Commission scenario moves NHRC to Memphis, rather than consolidating NHRC functions/personnel with BUPERS and NPRDC. Since, in the Commission-requested scenario, NHRC is a tenant activity of BUPERS rather than being absorbed into BUPERS, this alternative eliminates fewer jobs than the DON recommendation (5 military command structure billets). However, while the Commission alternative results in less savings than the DON recommendation, it still obtains a return on investment. The following table highlights the differences in costs and savings associated with the two NHRC scenarios.

COBRA Analyses: Difference Between Commission and DON NHRC Scenarios

Option	ROI Years	One-Time Costs	Steady State Savings	20 Year NPV Savings
DON Recommendation:	4 Years	$6.2	$1.4	$11.4
Commission Alternative:	6 Years	$6.2	$1.1	$7.8

(all figures shown in $ millions)

While the Commission alternative does provide a return on investment, we believe that the DON recommendation is a better solution both in terms of savings to the taxpayer as well as reducing excess capacity within our technical centers. The consolidation of both NHRC and NPRDC with BUPERS allows us to maximize the efficiencies and synergies that result from the consolidation of the management of manpower/personnel with the personnel who do human systems and factors research and testing. This initiative to consolidate human systems with manpower/personnel management is consistent with the intent of the laboratory Joint Cross Service Group alternatives.

In accordance with Section 2903(c)(5) of the Defense Base Closure and Realignment Act of 1990, and in consideration of the comments noted above, I certify the information provided to you in this transmittal is accurate and complete to the best of my knowledge and belief.

I trust the information provided satisfactorily addresses your concerns. As always, if I can be of any further assistance, please let me know.

Sincerely,

Charles P. Nemfakos
Vice Chairman
Base Structure Evaluation Committee

Attachments

DON Response on Question regarding NPRDC and NHRC

Q1. The largest part of the cost savings for the NHRC and NPRDC recommendations involve overhead savings. Our review of the COBRA analyses shows static base information (employees and RPMA/BOS for BUPERS, TN considerably in excess of the figures expected for Memphis after closure of the training center and reserve air station. The personnel and RPMA/BOS information is almost 4 times the figures projected by the Navy in 1993 for BUPERS in Memphis. In addition, the total base facilities figure for BUPERS appear low considering the number of personnel shown. Please comment on this.

A1. COBRA algorithms use existing RPMA/BOS cost data at receiving sites to estimate potential RPMA/BOS cost changes that would result from potential closure/realignment actions. For RPMA costs, changes in square footage are used to calculate changes in RPMA costs; for BOS costs, changes in personnel are used to calculate BOS cost changes. Per OSD direction, BRAC-95 COBRA analyses must show all costs in FY 1996 dollars. To develop BOS cost data for our activities, we collected certified data on projected FY 1996 BOS costs (to include an estimate of the costs to operate BUPERS in Memphis). To correlate with this cost data, we used FY 1996 personnel numbers for Memphis (to include BUPERS) thus providing a consistent picture of BOS costs per person at Memphis. In the case of BUPERS Memphis, we are dealing with an activity in transition as a result of the BRAC-93 decision. Consequently, our FY 1996 estimates do still include some personnel/costs for residual organizations which have not yet relocated out of Memphis. However, since COBRA algorithms are only looking for a ratio of costs per person, these residual organizations do not materially affect the BOS cost calculation. Had we reduced Screen 4 data for BUPERS, Memphis to include these residual activities, the BOS cost calculation in the COBRA scenarios would not have materially changed. In the case of facility square feet, we believe that we have used the appropriate value for the RPMA cost data used in our analysis. Had we increased the square footage at Memphis, it would have increased the steady-state savings associated with construction of any new facilities in Memphis.

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COBRA REALIGNMENT SUMMARY (COBRA v5.08) - Page 1/2
Data As Of 14:59 12/02/1994, Report Created 09:52 06/14/1995

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : P:\COBRA\BCRC\NHRCZ.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Starting Year : 1996
Final Year : 1999
ROI Year : 2005 (6 Years)

NPV in 2015($K): -7,807
1-Time Cost($K): 6,168

Net Costs ($K) Constant Dollars

	1996	1997	1998	1999	2000	2001	Total	Beyond
MilCon	-352	0	3,643	0	0	0	3,291	0
Person	0	0	-244	-460	-563	-563	-1,830	-563
Overhd	214	161	64	80	-879	-879	-1,239	-879
Moving	0	0	86	1,320	0	0	1,407	0
Missio	0	0	0	382	382	382	1,146	382
Other	0	0	0	0	0	0	0	0
TOTAL	-138	161	3,549	1,323	-1,060	-1,060	2,774	-1,060

	1996	1997	1998	1999	2000	2001	Total
POSITIONS ELIMINATED							
Off	0	0	0	0	0	0	0
Enl	0	0	0	0	0	0	0
Civ	0	0	10	0	0	0	10
TOT	0	0	10	0	0	0	10
POSITIONS REALIGNED							
Off	0	0	0	10	0	0	10
Enl	0	0	0	7	0	0	7
Stu	0	0	0	0	0	0	0
Civ	0	0	0	57	0	0	57
TOT	0	0	0	74	0	0	74

Summary:

SCENARIO CR95-012

Data As Of 14:59 12/02/1994, Report Created 09:52 06/14/1995

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : P:\COBRA\BCRC\NHRCZ.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Costs ($K) Constant Dollars

	1996	1997	1998	1999	2000	2001	Total	Beyond
MilCon	328	0	3,643	0	0	0	3,971	0
Person	0	0	29	184	81	81	374	81
Overhd	214	161	127	260	120	120	1,002	120
Moving	0	0	86	1,336	0	0	1,422	0
Missio	0	0	0	427	427	427	1,281	427
Other	0	0	0	0	0	0	0	0
TOTAL	542	161	3,886	2,206	628	628	8,050	628

Savings ($K) Constant Dollars

	1996	1997	1998	1999	2000	2001	Total	Beyond
MilCon	680	0	0	0	0	0	680	0
Person	0	0	273	644	644	644	2,205	644
Overhd	0	0	63	180	999	999	2,241	999
Moving	0	0	0	15	0	0	15	0
Missio	0	0	0	45	45	45	135	45
Other	0	0	0	0	0	0	0	0
TOTAL	680	0	337	884	1,688	1,688	5,276	1,688

TOTAL ONE-TIME COST REPORT (COBRA v5.08) - Page 1/3
Data As Of 14:59 12/02/1994, Report Created 09:52 06/14/1995

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : P:\COBRA\BCRC\NHRCZ.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

(All values in Dollars)

Category	Cost	Sub-Total
Construction		
Military Construction	3,971,000	
Family Housing Construction	0	
Information Management Account	0	
Land Purchases	0	
Total - Construction		3,971,000
Personnel		
Civilian RIF	85,323	
Civilian Early Retirement	34,457	
Civilian New Hires	0	
Eliminated Military PCS	0	
Unemployment	12,528	
Total - Personnel		132,308
Overhead		
Program Planning Support	585,838	
Mothball / Shutdown	56,250	
Total - Overhead		642,088
Moving		
Civilian Moving	1,137,790	
Civilian PPS	86,400	
Military Moving	98,411	
Freight	99,723	
One-Time Moving Costs	0	
Total - Moving		1,422,325
Other		
HAP / RSE	0	
Environmental Mitigation Costs	0	
One-Time Unique Costs	0	
Total - Other		0
Total One-Time Costs		6,167,721
One-Time Savings		
Military Construction Cost Avoidances	680,000	
Family Housing Cost Avoidances	0	
Military Moving	15,341	
Land Sales	0	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	
Total One-Time Savings		695,341
Total Net One-Time Costs		5,472,381

ONE-TIME COST REPORT (COBRA v5.08) - Page 2/3
Data As Of 14:59 12/02/1994, Report Created 09:52 06/14/1995

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : P:\COBRA\BCRC\NHRCZ.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NCCOSC NRAD SAN DGO, 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	85,323	
Civilian Early Retirement	34,457	
Civilian New Hires	0	
Eliminated Military PCS	0	
Unemployment	12,528	
Total - Personnel		132,308
Overhead		
Program Planning Support	585,838	
Mothball / Shutdown	56,250	
Total - Overhead		642,088
Moving		
Civilian Moving	1,137,790	
Civilian PPS	86,400	
Military Moving	98,411	
Freight	99,723	
One-Time Moving Costs	0	
Total - Moving		1,422,325
Other		
HAP / RSE	0	
Environmental Mitigation Costs	0	
One-Time Unique Costs	0	
Total - Other		0
Total One-Time Costs		2,196,721
One-Time Savings		
Military Construction Cost Avoidances	680,000	
Family Housing Cost Avoidances	0	
Military Moving	15,341	
Land Sales	0	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	
Total One-Time Savings		695,341
Total Net One-Time Costs		1,501,381

ONE-TIME COST REPORT (COBRA v5.08) - Page 3/3
Data As Of 14:59 12/02/1994, Report Created 09:52 06/14/1995

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : P:\COBRA\BCRC\NHRCZ.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: BUPERS, MEMPHIS, TN
(All values in Dollars)

Category	Cost	Sub-Total
Construction		
Military Construction	3,971,000	
Family Housing Construction	0	
Information Management Account	0	
Land Purchases	0	
Total - Construction		3,971,000
Personnel		
Civilian RIF	0	
Civilian Early Retirement	0	
Civilian New Hires	0	
Eliminated Military PCS	0	
Unemployment	0	
Total - Personnel		0
Overhead		
Program Planning Support	0	
Mothball / Shutdown	0	
Total - Overhead		0
Moving		
Civilian Moving	0	
Civilian PPS	0	
Military Moving	0	
Freight	0	
One-Time Moving Costs	0	
Total - Moving		0
Other		
HAP / RSE	0	
Environmental Mitigation Costs	0	
One-Time Unique Costs	0	
Total - Other		0
Total One-Time Costs		3,971,000
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		3,971,000

TOTAL MILITARY CONSTRUCTION ASSETS (COBRA v5.08) - Page 1/3
Data As Of 14:59 12/02/1994, Report Created 09:52 06/14/1995

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : P:\COBRA\BCRC\NHRCZ.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

All Costs in $K

Base Name	Total MilCon	IMA Cost	Land Purch	Cost Avoid	Total Cost
NCCOSC NRAD SAN DGO	0	0	0	-680	-680
BUPERS, MEMPHIS	3,971	0	0	0	3,971
Totals:	3,971	0	0	-680	3,291

Data As Of 14:59 12/02/1994, Report Created 09:52 06/14/1995

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : P:\COBRA\BCRC\NHRCZ.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

MilCon for Base: NCCOSC NRAD SAN DGO, CA

All Costs in $K

Description:	MilCon Categ	Using Rehab	Rehab Cost*	New MilCon	New Cost*	Total Cost*
			Total Construction Cost:			0
			+ Info Management Account:			0
			+ Land Purchases:			0
			- Construction Cost Avoid:			680
					TOTAL:	-680

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

Data As Of 14:59 12/02/1994, Report Created 09:52 06/14/1995

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : P:\COBRA\BCRC\NHRCZ.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

MilCon for Base: BUPERS, MEMPHIS, TN

All Costs in $K

Description:	MilCon Categ	Using Rehab	Rehab Cost*	New MilCon	New Cost*	Total Cost*
ADMINISTRATIVE	ADMIN	10,650	n/a	0	n/a	780
STORAGE FACILITIES	STORA	2,020	n/a	0	n/a	113
RDT&E FACILITIES	RDT&E	32,330	n/a	0	n/a	3,078

Total Construction Cost:	3,971
+ Info Management Account:	0
+ Land Purchases:	0
- Construction Cost Avoid:	0
TOTAL:	3,971

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

PERSONNEL SUMMARY REPORT (COBRA v5.08)
Data As Of 14:59 12/02/1994, Report Created 09:52 06/14/1995

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : P:\COBRA\BCRC\NHRCZ.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

PERSONNEL SUMMARY FOR: NCCOSC NRAD SAN DGO, CA

BASE POPULATION (FY 1996):

Officers	Enlisted	Students	Civilians
10	7	0	68

FORCE STRUCTURE CHANGES:

	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	-1	0	0	0	0	0	-1
TOTAL	-1	0	0	0	0	0	-1

BASE POPULATION (Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
10	7	0	67

PERSONNEL REALIGNMENTS:
To Base: BUPERS, MEMPHIS, TN

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	0	10	0	0	10
Enlisted	0	0	0	7	0	0	7
Students	0	0	0	0	0	0	0
Civilians	0	0	0	57	0	0	57
TOTAL	0	0	0	74	0	0	74

TOTAL PERSONNEL REALIGNMENTS (Out of NCCOSC NRAD SAN DGO, CA):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	0	10	0	0	10
Enlisted	0	0	0	7	0	0	7
Students	0	0	0	0	0	0	0
Civilians	0	0	0	57	0	0	57
TOTAL	0	0	0	74	0	0	74

SCENARIO POSITION CHANGES:

	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	-10	0	0	0	-10
TOTAL	0	0	-10	0	0	0	-10

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
0	0	0	0

PERSONNEL SUMMARY FOR: BUPERS, MEMPHIS, TN

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

Officers	Enlisted	Students	Civilians
807	3,504	0	1,358

Data As Of 14:59 12/02/1994, Report Created 09:52 06/14/1995

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : P:\COBRA\BCRC\NHRCZ.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

PERSONNEL REALIGNMENTS:
From Base: NCCOSC NRAD SAN DGO, CA

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	0	10	0	0	10
Enlisted	0	0	0	7	0	0	7
Students	0	0	0	0	0	0	0
Civilians	0	0	0	57	0	0	57
TOTAL	0	0	0	74	0	0	74

TOTAL PERSONNEL REALIGNMENTS (Into BUPERS, MEMPHIS, TN):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	0	10	0	0	10
Enlisted	0	0	0	7	0	0	7
Students	0	0	0	0	0	0	0
Civilians	0	0	0	57	0	0	57
TOTAL	0	0	0	74	0	0	74

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
817	3,511	0	1,415

TOTAL PERSONNEL IMPACT REPORT (COBRA v5.08) - Page 1/3
Data As Of 14:59 12/02/1994, Report Created 09:52 06/14/1995

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : P:\COBRA\BCRC\NHRCZ.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

	Rate	1996	1997	1998	1999	2000	2001	Total
CIVILIAN POSITIONS REALIGNING OUT		0	0	0	57	0	0	57
Early Retirement*	10.00%	0	0	0	6	0	0	6
Regular Retirement*	5.00%	0	0	0	3	0	0	3
Civilian Turnover*	15.00%	0	0	0	9	0	0	9
Civs Not Moving (RIFs)*+		0	0	0	3	0	0	3
Civilians Moving (the remainder)		0	0	0	36	0	0	36
Civilian Positions Available		0	0	0	21	0	0	21
CIVILIAN POSITIONS ELIMINATED		0	0	10	0	0	0	10
Early Retirement	10.00%	0	0	1	0	0	0	1
Regular Retirement	5.00%	0	0	1	0	0	0	1
Civilian Turnover	15.00%	0	0	2	0	0	0	2
Civs Not Moving (RIFs)*+		0	0	1	0	0	0	1
Priority Placement#	60.00%	0	0	5	0	0	0	5
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	57	0	0	57
Civilians Moving		0	0	0	36	0	0	36
New Civilians Hired		0	0	0	21	0	0	21
Other Civilian Additions		0	0	0	0	0	0	0
TOTAL CIVILIAN EARLY RETIRMENTS		0	0	1	6	0	0	7
TOTAL CIVILIAN RIFS		0	0	1	3	0	0	4
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	0	5	0	0	0	5
TOTAL CIVILIAN NEW HIRES		0	0	0	21	0	0	21

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

+ The Percentage of Civilians Not Willing to Move (Voluntary RIFs) varies from base to base.

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

Data As Of 14:59 12/02/1994, Report Created 09:52 06/14/1995

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : P:\COBRA\BCRC\NHRCZ.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NCCOSC NRAD SAN DGO, CA	Rate	1996	1997	1998	1999	2000	2001	Total
CIVILIAN POSITIONS REALIGNING OUT		0	0	0	57	0	0	57
Early Retirement*	10.00%	0	0	0	6	0	0	6
Regular Retirement*	5.00%	0	0	0	3	0	0	3
Civilian Turnover*	15.00%	0	0	0	9	0	0	9
Civs Not Moving (RIFs)*	6.00%	0	0	0	3	0	0	3
Civilians Moving (the remainder)		0	0	0	36	0	0	36
Civilian Positions Available		0	0	0	21	0	0	21
CIVILIAN POSITIONS ELIMINATED		0	0	10	0	0	0	10
Early Retirement	10.00%	0	0	1	0	0	0	1
Regular Retirement	5.00%	0	0	1	0	0	0	1
Civilian Turnover	15.00%	0	0	2	0	0	0	2
Civs Not Moving (RIFs)*	6.00%	0	0	1	0	0	0	1
Priority Placement#	60.00%	0	0	5	0	0	0	5
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	1	6	0	0	7
TOTAL CIVILIAN RIFS		0	0	1	3	0	0	4
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	0	5	0	0	0	5
TOTAL CIVILIAN NEW HIRES		0	0	0	0	0	0	0

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

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

Data As Of 14:59 12/02/1994, Report Created 09:52 06/14/1995

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : P:\COBRA\BCRC\NHRCZ.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: BUPERS, MEMPHIS, TN	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	57	0	0	57
Civilians Moving		0	0	0	36	0	0	36
New Civilians Hired		0	0	0	21	0	0	21
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	21	0	0	21

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

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

Data As Of 14:59 12/02/1994, Report Created 09:52 06/14/1995

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : P:\COBRA\BCRC\NHRCZ.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

ONE-TIME COSTS -----($K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	328	0	3,643	0	0	0	3,971
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	0	21	64	0	0	85
Civ Retire	0	0	5	29	0	0	34
CIV MOVING							
Per Diem	0	0	0	110	0	0	110
POV Miles	0	0	0	12	0	0	12
Home Purch	0	0	0	426	0	0	426
HHG	0	0	0	267	0	0	267
Misc	0	0	0	25	0	0	25
House Hunt	0	0	0	106	0	0	106
PPS	0	0	86	0	0	0	86
RITA	0	0	0	190	0	0	190
FREIGHT							
Packing	0	0	0	13	0	0	13
Freight	0	0	0	84	0	0	84
Vehicles	0	0	0	0	0	0	0
Driving	0	0	0	2	0	0	2
Unemployment	0	0	3	9	0	0	12
OTHER							
Program Plan	214	161	120	90	0	0	586
Shutdown	0	0	7	49	0	0	56
New Hire	0	0	0	0	0	0	0
1-Time Move	0	0	0	0	0	0	0
MIL PERSONNEL							
MIL MOVING							
Per Diem	0	0	0	7	0	0	7
POV Miles	0	0	0	5	0	0	5
HHG	0	0	0	73	0	0	73
Misc	0	0	0	12	0	0	12
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	542	161	3,886	1,579	0	0	6,168

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : P:\COBRA\BCRC\NHRCZ.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

RECURRINGCOSTS -----($K)-----	1996	1997	1998	1999	2000	2001	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	0	0	0	0	0	0	0
BOS	0	0	0	120	120	120	360	120
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	81	81	81	242	81
OTHER								
Mission	0	0	0	427	427	427	1,281	427
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	628	628	628	1,883	628
TOTAL COST	542	161	3,886	2,206	628	628	8,050	628

ONE-TIME SAVES -----($K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	680	0	0	0	0	0	680
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	15	0	0	15
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	680	0	0	15	0	0	695

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	13	130	243	243	629	243
BOS	0	0	50	50	756	756	1,612	756
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	0	273	547	547	547	1,914	547
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	97	97	97	290	97
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	0	45	45	45	135	45
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	337	868	1,688	1,688	4,581	1,688
TOTAL SAVINGS	680	0	337	884	1,688	1,688	5,276	1,688

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : P:\COBRA\BCRC\NHRCZ.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

ONE-TIME NET -----($K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	-352	0	3,643	0	0	0	3,291
Fam Housing	0	0	0	0	0	0	0
O&M							
Civ Retir/RIF	0	0	26	93	0	0	120
Civ Moving	0	0	86	1,237	0	0	1,324
Other	214	161	130	149	0	0	655
MIL PERSONNEL							
Mil Moving	0	0	0	83	0	0	83
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	-138	161	3,886	1,563	0	0	5,472

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	-13	-130	-243	-243	-629	-243
BOS	0	0	-50	70	-636	-636	-1,252	-636
Unique Operat	0	0	0	0	0	0	0	0
Caretaker	0	0	0	0	0	0	0	0
Civ Salary	0	0	-273	-547	-547	-547	-1,914	-547
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	-16	-16	-16	-48	-16
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	0	382	382	382	1,146	382
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	-337	-241	-1,060	-1,060	-2,698	-1,060
TOTAL NET COST	-138	161	3,549	1,323	-1,060	-1,060	2,774	-1,060

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : P:\COBRA\BCRC\NHRCZ.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NCCOSC NRAD SAN DGO, 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	21	64	0	0	85
Civ Retire	0	0	5	29	0	0	34
CIV MOVING							
Per Diem	0	0	0	110	0	0	110
POV Miles	0	0	0	12	0	0	12
Home Purch	0	0	0	426	0	0	426
HHG	0	0	0	267	0	0	267
Misc	0	0	0	25	0	0	25
House Hunt	0	0	0	106	0	0	106
PPS	0	0	86	0	0	0	86
RITA	0	0	0	190	0	0	190
FREIGHT							
Packing	0	0	0	13	0	0	13
Freight	0	0	0	84	0	0	84
Vehicles	0	0	0	0	0	0	0
Driving	0	0	0	2	0	0	2
Unemployment	0	0	3	9	0	0	12
OTHER							
Program Plan	214	161	120	90	0	0	586
Shutdown	0	0	7	49	0	0	56
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	7	0	0	7
POV Miles	0	0	0	5	0	0	5
HHG	0	0	0	73	0	0	73
Misc	0	0	0	12	0	0	12
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	214	161	243	1,579	0	0	2,197

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : P:\COBRA\BCRC\NHRCZ.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NCCOSC NRAD SAN DGO, 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	427	427	427	1,281	427
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	427	427	427	1,281	427
TOTAL COSTS	214	161	243	2,006	427	427	3,478	427

ONE-TIME SAVES -----($K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	680	0	0	0	0	0	680
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	15	0	0	15
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	680	0	0	15	0	0	695

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	13	130	243	243	629	243
BOS	0	0	50	50	756	756	1,612	756
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	0	273	547	547	547	1,914	547
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	97	97	97	290	97
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	0	45	45	45	135	45
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	337	868	1,688	1,688	4,581	1,688
TOTAL SAVINGS	680	0	337	884	1,688	1,688	5,276	1,688

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : P:\COBRA\BCRC\NHRCZ.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NCCOSC NRAD SAN DGO, CA

ONE-TIME NET -----($K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	-680	0	0	0	0	0	-680
Fam Housing	0	0	0	0	0	0	0
O&M							
Civ Retir/RIF	0	0	26	93	0	0	120
Civ Moving	0	0	86	1,237	0	0	1,324
Other	214	161	130	149	0	0	655
MIL PERSONNEL							
Mil Moving	0	0	0	83	0	0	83
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	-466	161	243	1,563	0	0	1,501

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	-13	-130	-243	-243	-629	-243
BOS	0	0	-50	-50	-756	-756	-1,612	-756
Unique Operat	0	0	0	0	0	0	0	0
Caretaker	0	0	0	0	0	0	0	0
Civ Salary	0	0	-273	-547	-547	-547	-1,914	-547
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	-97	-97	-97	-290	-97
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	0	382	382	382	1,146	382
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	-337	-441	-1,261	-1,261	-3,300	-1,261
TOTAL NET COST	-466	161	-94	1,122	-1,261	-1,261	-1,798	-1,261

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : P:\COBRA\BCRC\NHRCZ.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: BUPERS, MEMPHIS, TN

ONE-TIME COSTS -----($K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	328	0	3,643	0	0	0	3,971
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	328	0	3,643	0	0	0	3,971

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : P:\COBRA\BCRC\NHRCZ.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: BUPERS, MEMPHIS, TN

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	120	120	120	360	120
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	81	81	81	242	81
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	120	120	120	602	201
TOTAL COSTS	328	0	3,643	201	201	201	4,573	201

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 : NHRC SAN DIEGO, CA
Scenario File : P:\COBRA\BCRC\NHRCZ.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: BUPERS, MEMPHIS, TN

ONE-TIME NET -----($K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	328	0	3,643	0	0	0	3,971
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	328	0	3,643	0	0	0	3,971

RECURRING NET -----($K)-----	1996	1997	1998	1999	2000	2001	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	0	0	0	0	0	0	0
BOS	0	0	0	120	120	120	360	120
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	81	81	81	242	81
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	201	201	201	602	201
TOTAL NET COST	328	0	3,643	201	201	201	4,573	201

INPUT DATA REPORT (COBRA v5.08)
Data As Of 14:59 12/02/1994, Report Created 09:52 06/14/1995

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : P:\COBRA\BCRC\NHRCZ.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:
NCCOSC NRAD SAN DGO, CA	Closes in FY 1999
BUPERS, MEMPHIS, TN	Realignment

Summary:

SCENARIO CR95-012

INPUT SCREEN TWO - DISTANCE TABLE

From Base:	To Base:	Distance:
NCCOSC NRAD SAN DGO, CA	BUPERS, MEMPHIS, TN	1,797 mi

INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from NCCOSC NRAD SAN DGO, CA to BUPERS, MEMPHIS, TN

	1996	1997	1998	1999	2000	2001
Officer Positions:	0	0	0	10	0	0
Enlisted Positions:	0	0	0	7	0	0
Civilian Positions:	0	0	0	57	0	0
Student Positions:	0	0	0	0	0	0
Missn Eqpt (tons):	0	0	0	115	0	0
Suppt Eqpt (tons):	0	0	0	85	0	0
Military Light Vehicles:	0	0	0	4	0	0
Heavy/Special Vehicles:	0	0	0	0	0	0

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: NCCOSC NRAD SAN DGO, CA

Total Officer Employees:	10	RPMA Non-Payroll ($K/Year):	243
Total Enlisted Employees:	7	Communications ($K/Year):	0
Total Student Employees:	0	BOS Non-Payroll ($K/Year):	765
Total Civilian Employees:	68	BOS Payroll ($K/Year):	1,403
Mil Families Living On Base:	19.1%	Family Housing ($K/Year):	0
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	1.16
Officer Housing Units Avail:	0	CHAMPUS In-Pat ($/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat ($/Visit):	0
Total Base Facilities(KSF):	45	CHAMPUS Shift to Medicare:	0.0%
Officer VHA ($/Month):	353	Activity Code:	66001
Enlisted VHA ($/Month):	224		
Per Diem Rate ($/Day):	116	Homeowner Assistance Program:	No
Freight Cost ($/Ton/Mile):	0.07	Unique Activity Information:	No

Data As Of 14:59 12/02/1994, Report Created 09:52 06/14/1995

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : P:\COBRA\BCRC\NHRCZ.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: BUPERS, MEMPHIS, TN

Total Officer Employees:	807	RPMA Non-Payroll ($K/Year):	840
Total Enlisted Employees:	3,504	Communications ($K/Year):	0
Total Student Employees:	0	BOS Non-Payroll ($K/Year):	17,064
Total Civilian Employees:	1,358	BOS Payroll ($K/Year):	21,751
Mil Families Living On Base:	35.0%	Family Housing ($K/Year):	184
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	0.91
Officer Housing Units Avail:	0	CHAMPUS In-Pat ($/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat ($/Visit):	0
Total Base Facilities(KSF):	129	CHAMPUS Shift to Medicare:	0.0%
Officer VHA ($/Month):	34	Activity Code:	00022
Enlisted VHA ($/Month):	28		
Per Diem Rate ($/Day):	87	Homeowner Assistance Program:	No
Freight Cost ($/Ton/Mile):	0.07	Unique Activity Information:	No

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: NCCOSC NRAD SAN DGO, 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	427	427	427
Activ Mission Save ($K):	0	0	0	45	45	45
Misc Recurring Cost($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($K):	680	0	0	0	0	0
Fam Housing Avoidnc($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): 45 Perc Family Housing ShutDown: 0.0%

Name: BUPERS, MEMPHIS, TN

	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%

Data As Of 14:59 12/02/1994, Report Created 09:52 06/14/1995

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : P:\COBRA\BCRC\NHRCZ.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

INPUT SCREEN SIX - BASE PERSONNEL INFORMATION

Name: NCCOSC NRAD SAN DGO, CA

	1996	1997	1998	1999	2000	2001
Off Force Struc Change:	0	0	0	0	0	0
Enl Force Struc Change:	0	0	0	0	0	0
Civ Force Struc Change:	-1	0	0	0	0	0
Stu Force Struc Change:	0	0	0	0	0	0
Off Scenario Change:	0	0	0	0	0	0
Enl Scenario Change:	0	0	0	0	0	0
Civ Scenario Change:	0	0	-10	0	0	0
Off Change(No Sal Save):	0	0	0	0	0	0
Enl Change(No Sal Save):	0	0	0	0	0	0
Civ Change(No Sal Save):	0	0	0	0	0	0
Caretakers - Military:	0	0	0	0	0	0
Caretakers - Civilian:	0	0	0	0	0	0

INPUT SCREEN SEVEN - BASE MILITARY CONSTRUCTION INFORMATION

Name: BUPERS, MEMPHIS, TN

Description	Categ	New MilCon	Rehab MilCon	Total Cost($K)
ADMINISTRATIVE	ADMIN	0	10,650	780
STORAGE FACILITIES	STORA	0	2,020	113
RDT&E FACILITIES	RDT&E	0	32,330	3,078

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 14:59 12/02/1994, Report Created 09:52 06/14/1995

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : P:\COBRA\BCRC\NHRCZ.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

STANDARD FACTORS SCREEN THREE - TRANSPORTATION

Material/Assigned Person(Lb):	710	Equip Pack & Crate($/Ton):	284.00
HHG Per Off Family (Lb):	14,500.00	Mil Light Vehicle($/Mile):	0.31
HHG Per Enl Family (Lb):	9,000.00	Heavy/Spec Vehicle($/Mile):	3.38
HHG Per Mil Single (Lb):	6,400.00	POV Reimbursement($/Mile):	0.18
HHG Per Civilian (Lb):	18,000.00	Avg Mil Tour Length (Years):	4.17
Total HHG Cost ($/100Lb):	35.00	Routine PCS($/Pers/Tour):	3,763.00
Air Transport ($/Pass Mile):	0.20	One-Time Off PCS Cost($):	4,527.00
Misc Exp ($/Direct Employ):	700.00	One-Time Enl PCS Cost($):	1,403.00

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

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.:	CR95-012
Scenario Title:	Close NHRC San Diego Ca
Date:	8 June 1995

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

Name:	CDR Veronica Rubin
Organization/Code:	BUMED
Office Phone Number:	202 653 0158
Fax Number:	202 653 0877
Home Phone Number:	703 553 8654

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

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

Activity: 66001 NCCOSC RDTE DIV

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

UIC	NAME	MAJOR CLAIMANT	BEGIN FY 1996 OFF	ENL	CIV	STU	PLANNED FORCE STRUCTURE CHANGES OFF	ENL	CIV	STU	END FY 2001 OFF	ENL	CIV	STU
N 66001	NCCOSC RDTE DIV	COMSPANAVWAR	23	11	2,477	0	0	1	-392	0	23	12	2,085	0
N 63116	NHRC	BUMED	~~12~~10	7	~~58~~68	0	0	~~2~~	-1	0	~~12~~10	~~8~~7	~~57~~ 67	
N 68221	NAVPERSRANDCEN SAN DIEGO	CHNAVPER	4	13	149	0	0	0	0	0	4	13	149	0
N 68221	NAVY PERSONNEL RESEARCH	CHNAVPER	0	0	0	0	0	0	0	0	0	0	0	0
N 41341	NMPC SUPPORT ACTIVITY DET	CHNAVPER	1	18	0	0	0	0	0	0	1	18	0	0
N 00242	NAVAL BASE SAN DIEGO FIRE	CINCPACFLT	0	0	0	0	0	0	0	0	0	0	0	0
N 68554	PERSONNEL SUPPORT ACTIVITY	CINCPACFLT	1	33	12	0	0	0	-2	0	1	33	10	0
N 66001	LNO NAV OCEAN SYS CTR SAN	COMMARCOR	0	0	0	0	0	0	0	0	0	0	0	0
N 63387	NAVY PUBLIC WORK CENTER	COMNAVFAC	0	0	0	0	0	0	0	0	0	0	0	0
N 39353	INTEGRATED COMBAT SYSTEMS	COMNAVSEASYS	2	6	0	0	0	0	0	0	2	6	0	0
N 60921	NSWC DAHLGREM DIVISION DET	COMNAVSEASYS	0	0	0	0	0	0	0	0	0	0	0	0
N 68951	NUWC KEYPORT DET ARCTIC	COMNAVSEASYS	2	3	0	0	0	0	0	0	2	3	0	0
N 63394	PORT HUENEME DIVISION NSWC	COMNAVSEASYS	0	0	63	0	0	0	-50	0	0	0	13	0
X DDI	DATA DISPOSAL, INC	unknown	0	0	0	0	0	0	0	0	0	0	0	0
X ECC	EVERGREEN CONCESSIONS CO	unknown	0	0	0	0	0	0	0	0	0	0	0	0
X LPA	LA PETITE ACADEMY, INC	unknown	0	0	0	0	0	0	0	0	0	0	0	0
X MPL	MARINE PHYSICAL LABORATORY	unknown	0	0	0	0	0	0	0	0	0	0	0	0
X PLFCU	POINT LOMA FEDERAL CREDIT	unknown	0	0	0	0	0	0	0	0	0	0	0	0
X SATO	SCHEDULED AIRLINE TRAFFIC	unknown	0	0	0	0	0	0	0	0	0	0	0	0
X UC	UNIVERSITY OF CALIFORNIA	unknown	0	0	0	0	0	0	0	0	0	0	0	0
		TOTALS:	45	91	2,759	0	0	3	-445	0	45	94	2,314	0

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

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

UIC	NAME	MAJOR CLAIMANT	CITY	STATE	OFF	ENL	CIV	Non-DOD	CLOSED?	FY
N 68592	NCCOSC, RDT&E DIVISION	COMSPANAVWAR	PHILADELPHIA	PA	0	0	0	0		
N 49281	NCCOSC, RDT&E DIVISION	COMSPANAVWAR	WARMINSTER	PA	0	0	0	0		
N 66001	NRaD FIELD OFFICE	COMSPANAVWAR	NORFOLK	VA	0	0	0	0		
N 66001	NRaD FIELD OFFICE (NSAP) CAMP	COMSPANAVWAR	CAMP H. M. SMITH	HI	0	0	0	0		
N 66001	NRaD FIELD OFFICE (NSAP) GAETA	COMSPANAVWAR	GAETA	IT	0	0	0	0		
N 66001	NRaD FIELD OFFICE (NSAP) PEARL	COMSPANAVWAR	PEARL HARBOR	HI	0	0	0	0		
N 66001	NRaD FIELD OFFICE (NSAP) SAN	COMSPANAVWAR	SAN DIEGO	CA	0	0	0	0		
N 66601	NRaD FIELD OFFICE (NSAP)	COMSPANAVWAR	SAN DIEGO	CA	0	0	0	0		
N 66001	NRaD FIELD OFFICE (NSAP)	COMSPANAVWAR	YOKOSUKA	JAP	0	0	0	0		
N 66001	NRaD FIELD OFFICE ARLINGTON	COMSPANAVWAR	ARLINGTON	VA	0	0	0	0		
N 65576	NRaD FIELD OFFICE EL SEGUNDO	COMSPANAVWAR	EL SEGUNDO	CA	0	0	0	0		
N 66001	NRaD FIELD OFFICE MANAMA	COMSPANAVWAR	MANAMA	BA	0	0	0	0		
N 66001	NRaD FIELD OFFICE NEWPORT	COMSPANAVWAR	NEWPORT	RI	0	0	0	0		
N 66601	NRaD FIELD OFFICE NORFOLK	COMSPANAVWAR	NORFOLK	VA	0	0	0	0		
N 66001	NRaD FIELD OFFICE PEARL	COMSPANAVWAR	PEARL HARBOR	HI	0	0	0	0		
N 66001	NRaD FIELD OFFICE SAN	COMSPANAVWAR	SAN CLEMENTE ISLAND	CA	0	0	0	0		
N 43736	NRaD FIELD OFFICE WARNER	COMSPANAVWAR	WARNER ROBINS	GA	0	0	0	0		
N 66001	NRaD FILED OFFICE (NSAP) PEARL	COMSPANAVWAR	PEARL HARBOR	HI	0	0	0	0		
				TOTALS:	0	0	0	0		

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

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

UIC	NAME	MAJOR CLAIMANT	CITY	STATE	OFF	ENL	CIV	Non-DOD	CLOSED?	FY
N 60259	BUILDING E-134 WAREHOUSE	CINCPACFLT	NAS MIRAMAR	CA	0	0	0	0		
N 00246	SAN CLEMENTE ISLAND	CINCPACFLT	LOS ANGELES COUNTY	CA	0	0	0	0		
N 61665	COMPUTER PROGRAM	CNET	POINT LOMA	CA	0	0	0	0		
N 63387	MR SOLEDAD TRANSMITTER	COMNAVFAC	SAN DIEGO	CA	0	0	0	0		
N 00244	POINT LOMA ANNEX	COMNAVSUPSYS	SAN DIEGO	CA	0	0	0	0		
N 66001	EXPERIMENTAL TEST FACILITY	COMSPANAVWAR	SENTINEL	AZ	0	0	0	0		
N 66001	LA POSTA ASTROPHYSICAL	COMSPANAVWAR	EAST SAN DEIGO COUNTY	CA	0	0	0	0		
N 66001	MORRIS DAM TEST FACILITY	COMSPANAVWAR	AZUSA	CA	0	0	0	0		
				TOTALS:	0	0	0	0		

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

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

UIC	NAME	MAJOR CLAIMANT	OFF	ENL	CIV	Non-DOD	FY	RECEIVING BASE
D HQ0112	DEF FINANCE & ACCNT SERV DAO-CL	unknown	0	0	39	0		
D D000UA	DEFENSE TECHNICAL INFORMATION	unknown	0	0	12	0		
X USC	US CUSTOMS	unknown	0	0	0	0		
X DDI	DATA DISPOSAL, INC	unknown	0	0	0	0		
X ECC	EVERGREEN CONCESSIONS CO	unknown	0	0	0	0		
X LPA	LA PETITE ACADEMY, INC	unknown	0	0	0	0		
X MPL	MARINE PHYSICAL LABORATORY	unknown	0	0	0	0		
X PLFCU	POINT LOMA FEDERAL CREDIT UNION	unknown	0	0	0	0		
X SATO	SCHEDULED AIRLINE TRAFFIC OFFICE	unknown	0	0	0	0		
X UC	UNIVERSITY OF CALIFORNIA	unknown	0	0	0	0		
		TOTALS:	0	0	51	0		

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

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

Total Facility Square Feet (in thousands): ~~1,785~~ 45.18 VR BUMED 824
← UIC 63116 only

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

			***** O&M, etc. *****				***** DBOF *****				***** TOTAL *****			
UIC	NAME	MAJOR CLAIMANT	RPMA NONPAY	RPMA PAY	OBOS NONPAY	OBOS PAY	RPMA NONPAY	RPMA PAY	OBOS NONPAY	OBOS PAY	RPMA NONPAY	RPMA PAY	OBOS NONPAY	OBOS PAY
43639	DEFENSE PRINTING SERVICE	COMNAVSUPSYSCO	0	0	0	0	1	0	44	0	1	0	44	0
63116	NAVAL HEALTH RESEARCH	BUMED	243	0	765	1403	0	0	0	0	243	0	765	1403
66001	NCCOSC RDTE DIV	COMSPANAVWARC	51	0	70	225	5097	0	53993	32450	5148	0	54063	32675
68221	NAVPERSRANDCEN SAN DIEGO	CHNAVPER	0	0	0	0	270	84	1345	2301	270	84	1345	2301
		TOTALS:	294	0	835	1628	5368	84	55382	34751	5662	84	56217	36379

→ RDT+E Appropriation vs O+M Navy VR BUMED 824

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

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

UIC	NAME	MAJOR CLAIMANT	TOTAL CONTRACT WORKYEARS	NO. OF WORK-YEARS TO BE TRANSFERRED	NO. OF WORK-YEARS TO BE ELIMINATED	NO. OF WORK-YEARS REMAINING AT ACTIVITY
43639	DEFENSE PRINTING SERVICE BRACH	COMNAVSUPSYS	0	0	0	0
63116	NAVAL HEALTH RESEARCH CENTER	BUMED	70	70	0	0
66001	NCCOSC RDTE DIV	COMSPANAVWAR	2,312	2,262	13	37
68221	NAVPERSRANDCEN SAN DIEGO	CHNAVPER	48	3	45	0
		TOTALS:	2,430	2,335	58	37

TOTAL P.10

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
*NCCOSC NRAD	**BUPERS Memphis Tn	Medical Research

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 BUMED retains major claimancy of NHRC Enclosure (1)
NHRC moves to Memphis and becomes a tenant of BUPERS

*NCCOSC NRAD-Naval Command Control and Ocean Surveillance Center Naval Research and Development

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:	NCCOSC NRAD

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: NCCOSC NRAD

To Gaining Base: **BUPERS Memphis Tn

UIC	Name	Type	1996	1997	1998	1999	2000	2001	Total
	Memphis Tn	Officer				10			10
		Enlisted				7			7
		Civilian				57			57
		Mil Stu							
		Officer							
		Enlisted							
		Civilian							
		Mil Stu							
		Officer							
		Enlisted							
		Civilian							
		Mil Stu							
		Officer							
		Enlisted							
		Civilian							
		Mil Stu							
		Officer							
		Enlisted							
		Civilian							
		Mil Stu							
	TOTAL	Officer				10			10
		Enlisted				7			7
		Civilian				57			57
		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.

**In this scenario, BUMED retains major claimancy of NHRC. NHRC moves to Memphis and becomes a tenant of BUPRES

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

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

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

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

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

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

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

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

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

From Losing Base: NCCOSC NRAD

To Gaining Base: **BUPERS Memphis Tn

	1996	1997	1998	1999	2000	2001	Total
Officer Billets				10			10
Enlisted Billets				7			7
Civilian Positions				57			57
Military Students							
Tons of Mission Equipment				115			115
Tons of Support Equipment				85			85
Number of Light Vehicles				4			4
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
1 Sedan, 3 Vans (2mini 1 8 Passenger	Less expensive to relocate than purchase at new site
2 environmental chambers swim flume treadmill undersea weighing tank biomechanics tank mainframe computer facility technical research library	

**In this scenario BUMED retains major claimancy of NHRC. NHRC moves to Mephis TN and becomes a tenant of BUPERS

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: NCCOSC NRAD

UIC	Name	Type	1996	1997	1998	1999	2000	2001	Total
63116	NHRC San Diego	Officer							
		Enlisted							
		Civilian			10				10
		Officer							
		Enlisted							
		Civilian							
		Officer							
		Enlisted							
		Civilian							
		Officer							
		Enlisted							
		Civilian							
		Officer							
		Enlisted							
		Civilian							
		Officer							
		Enlisted							
		Civilian							
		Officer							
		Enlisted							
		Civilian							
		Officer							
		Enlisted							
		Civilian							
	TOTAL	Officer							
		Enlisted							
		Civilian			10				10

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)

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:	10	7	68		85
B. Force Structure Changes(+/-):			-1		-1
C. Prior BRAC Changes (+/-):					
D. End FY 2001:	10	7	67		84
Moving to (List each Gaining Base):					
1. Memphis TN	10	7	57		74
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
E. Total Billets/Positions Moving:	10	7	57		74
F. Eliminated Billets/Positions:			10		10
G. Remaining at Losing Base:					0
H. Sum of Lines E, F, and G:	10	7	67		84

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: N/A							
	1996	1997	1998	1999	2000	2001	Total
Military Caretakers							
Civilian Caretakers							

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: N/A

	Cost	FY	Description
1.			

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: N/A

	Cost	FY	Description
1.			

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: N/A

	Cost	FY	Gaining Base	Description
1.				

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: NCCOSC NRAD

Gaining Base	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001 and Beyond
1. BUPERS, Memphis TN				185.3K	185.3K	185.3K
Description: Travel for Navy/Marine Corps subjects for in-house laboratory studies*						
2. BUPERS, Memphis TN				454.9K	454.9K	454.9K
Description: Investigator travel to conduct field studies with operational forces						
3. 468 travelers x airline cost ($532) x per diem (4+days)						
Description:						
4.						
Description:						
5.						
Description:						

Add additional lines to worksheet as necessary.

* at $110/day
* 240 subjects/yr x airline cost ($532) x perdiem ($ days at $110/day)

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: NCCOSC NRAD						
Gaining Base	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001 and Beyond
1. BUPERS, Memphis				45K	45K	45K
Description: Locality pay						
2.						
Description:						
3.						
Description:						
4.						
Description:						
5.						
Description:						

Add additional lines to worksheet as necessary.

Based on Jan 94 locality pay component

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: N/A

	Annual Cost	FY	Description
1.			

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: N/A

	Annual Savings	FY	Description
1.			

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: N/A

	Revenues	No. of Acres	Rationale
1.			

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: N/A

	Cost	FY	One-Time/Recurring	Explanation
1.				

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: NCCOSC NRAD

Facility KSF Shutdown: 45.18

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: NCCOSC NRAD								
		1996	1997	1998	1999	2000	2001	Total
a.	One-Time Unique Costs							
b.	One-Time Unique Svgs							
c.	One-Time Move Costs							
d.	Net Mission Costs				640.2K	640.2K	640.2K	1920.6K
e.	Net Mission Savings				45K	45K	45K	135K
f.	Misc Recur Costs							
g.	Misc Recur Savings							
h.	Land Sales							
i.	Procurement Cost Avoid							

j. Fac. Shutdown (KSF)	45,180

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:	BUPERS Memphis TN

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: N/A

	Cost	FY	Location	Description
1.				

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: N/A

	Cost	FY	Description
1.			

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: N/A

	Cost	FY	Description
1.			

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: N/A

	Cost	FY	Description
1.			

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: N/A

	Annual Cost	FY	Description
1.			

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: N/A

	Annual Savings	FY	Description
1.			

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: N/A

	Cost	No. of Acres	FY	Description
1.				

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:	N/A						
	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							
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:	BUPERS MEMPHIS TN		
Category (Unit)	New Construction Requirement	Rehabilitation Requirement	Comment
Horizontal (SY)			
Berthing (FB)			
Air Maintenance (SF)			
Other Operations (SF)			
Administrative (SF)		10,650	
Training (SF)			
Maintenance (SF)			
Bachelor Quarters (SF)			
Supply/Storage (SF)		2,020	
Dining Facilities (SF)			
Personnel Support (SF)			
Communications (SF)			
Ship Maintenance (SF)			
RDT&E (SF)		32,330	
POL Storage (BL)			
Ammo Storage (SF)			
Medical Facilities (SF)			
Environmental	$	$	
Other: - - -	 $ $ $	 $ $ $	

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

NEXT ECHELON LEVEL (if applicable)

CAPT T. N. JONES, MSC, USN
NAME (Please type or print)

Signature

Commanding Officer
Title

8 JUN 95
Date

Naval Medical Research & Dev. Command
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

D.F. HAGEN, VADM, MC, USN
NAME (Please type or print)

X Signature

CHIEF BUMED:SURGEON GENERAL
Title

X June 9, 1995
Date

BUREAU OF MEDICINE & SURGERY
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)

NAME (Please type or print)

Signature

Title

Date

Document Separator

JERC

DEPARTMENT OF THE NAVY
OFFICE OF THE SECRETARY
1000 NAVY PENTAGON
WASHINGTON, D.C. 20350-1000

LT-0843-F16
BSAT/CD
15 June 1995

Honorable Alan J. Dixon
Chairman, Defense Base Closure
and Realignment Commission
1700 North Moore Street
Suite 1425
Arlington, VA 22209

Dear Chairman Dixon:

In my 13 June 1995 letter to you I provided advance copies of Scenario Development Data Call response from NHRC San Diego and noted that upon receipt of final certified data, copies would be provided. Please find enclosed the final certified copies of the Scenario Development Data Call response for NHRC San Diego

In accordance with Section 2903(c)(5) of the Defense Base Closure and Realignment Act of 1990 I certify the information provided to you in this transmittal is accurate and complete to the best of my knowledge and belief.

Sincerely,

Charles P. Nemfakos
Vice Chairman
Base Structure Evaluation Committee/
Executive Director
Base Structure Analysis Team

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.:	CR95-012
Scenario Title:	Close NHRC San Diego Ca
Date:	8 June 1995

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

Name:	CDR Veronica Rubin
Organization/Code:	BUMED
Office Phone Number:	202 653 0158
Fax Number:	202 653 0877
Home Phone Number:	703 553 8654

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

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

Activity: 66001 NCCOSC RDTE DIV

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

UIC	NAME	MAJOR CLAIMANT	BEGIN FY 1996 OFF	ENL	CIV	STU	PLANNED FORCE STRUCTURE CHANGES OFF	ENL	CIV	STU	END FY 2001 OFF	ENL	CIV	STU
N 66001	NCCOSC RDTE DIV	COMSPANAVWAR	23	11	2,477	0	0	1	-392	0	23	12	2,085	0
N 63116	NHRC	BUMED	~~12~~10	7	~~56~~ 68	0	0	~~2~~	-1	0	~~12~~10	~~9~~7	~~57~~ 67	
N 68221	NAVPERSRANDCEN SAN DIEGO	CHNAVPER	4	13	149	0	0	0	0	0	4	13	149	0
N 68221	NAVY PERSONNEL RESEARCH	CHNAVPER	0	0	0	0	0	0	0	0	0	0	0	0
N 41341	NMPC SUPPORT ACTIVITY DET	CHNAVPER	1	18	0	0	0	0	0	0	1	18	0	0
N 00242	NAVAL BASE SAN DIEGO FIRE	CINCPACFLT	0	0	0	0	0	0	0	0	0	0	0	0
N 68554	PERSONNEL SUPPORT ACTIVITY	CINCPACFLT	1	33	12	0	0	0	-2	0	1	33	10	0
N 66001	LNO NAV OCEAN SYS CTR SAN	COMMARCOR	0	0	0	0	0	0	0	0	0	0	0	0
N 63387	NAVY PUBLIC WORK CENTER	COMNAVFAC	0	0	0	0	0	0	0	0	0	0	0	0
N 39353	INTEGRATED COMBAT SYSTEMS	COMNAVSEASYS	2	6	0	0	0	0	0	0	2	6	0	0
N 60921	NSWC DAHLGREM DIVISION DET	COMNAVSEASYS	0	0	0	0	0	0	0	0	0	0	0	0
N 68951	NUWC KEYPORT DET ARCTIC	COMNAVSEASYS	2	3	0	0	0	0	0	0	2	3	0	0
N 63394	PORT HUENEME DIVISION NSWC	COMNAVSEASYS	0	0	63	0	0	0	-50	0	0	0	13	0
X DDI	DATA DISPOSAL, INC	unknown	0	0	0	0	0	0	0	0	0	0	0	0
X ECC	EVERGREEN CONCESSIONS CO	unknown	0	0	0	0	0	0	0	0	0	0	0	0
X LPA	LA PETITE ACADEMY, INC	unknown	0	0	0	0	0	0	0	0	0	0	0	0
X MPL	MARINE PHYSICAL LABORATORY	unknown	0	0	0	0	0	0	0	0	0	0	0	0
X PLFCU	POINT LOMA FEDERAL CREDIT	unknown	0	0	0	0	0	0	0	0	0	0	0	0
X SATO	SCHEDULED AIRLINE TRAFFIC	unknown	0	0	0	0	0	0	0	0	0	0	0	0
X UC	UNIVERSITY OF CALIFORNIA	unknown	0	0	0	0	0	0	0	0	0	0	0	0
		TOTALS:	45	91	2,759	0	0	3	-445	0	45	94	2,314	0

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

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

UIC	NAME	MAJOR CLAIMANT	CITY	STATE	OFF	ENL	CIV	Non-DOD	CLOSED?	FY
N 68592	NCCOSC, RDT&E DIVISION	COMSPANAVWAR	PHILADELPHIA	PA	0	0	0	0		
N 49281	NCCOSC, RDT&E DIVISION	COMSPANAVWAR	WARMINSTER	PA	0	0	0	0		
N 66001	NRaD FIELD OFFICE	COMSPANAVWAR	NORFOLK	VA	0	0	0	0		
N 66001	NRaD FIELD OFFICE (NSAP) CAMP	COMSPANAVWAR	CAMP H. M. SMITH	HI	0	0	0	0		
N 66001	NRaD FIELD OFFICE (NSAP) GAETA	COMSPANAVWAR	GAETA	IT	0	0	0	0		
N 66001	NRaD FIELD OFFICE (NSAP) PEARL	COMSPANAVWAR	PEARL HARBOR	HI	0	0	0	0		
N 66001	NRaD FIELD OFFICE (NSAP) SAN	COMSPANAVWAR	SAN DIEGO	CA	0	0	0	0		
N 66601	NRaD FIELD OFFICE (NSAP)	COMSPANAVWAR	SAN DIEGO	CA	0	0	0	0		
N 66001	NRaD FIELD OFFICE (NSAP)	COMSPANAVWAR	YOKOSUKA	JAP	0	0	0	0		
N 66001	NRaD FIELD OFFICE ARLINGTON	COMSPANAVWAR	ARLINGTON	VA	0	0	0	0		
N 65576	NRaD FIELD OFFICE EL SEGUNDO	COMSPANAVWAR	EL SEGUNDO	CA	0	0	0	0		
N 66001	NRaD FIELD OFFICE MANAMA	COMSPANAVWAR	MANAMA	BA	0	0	0	0		
N 66001	NRaD FIELD OFFICE NEWPORT	COMSPANAVWAR	NEWPORT	RI	0	0	0	0		
N 66601	NRaD FIELD OFFICE NORFOLK	COMSPANAVWAR	NORFOLK	VA	0	0	0	0		
N 66001	NRaD FIELD OFFICE PEARL	COMSPANAVWAR	PEARL HARBOR	HI	0	0	0	0		
N 66001	NRaD FIELD OFFICE SAN	COMSPANAVWAR	SAN CLEMENTE ISLAND	CA	0	0	0	0		
N 43736	NRaD FIELD OFFICE WARNER	COMSPANAVWAR	WARNER ROBINS	GA	0	0	0	0		
N 66001	NRaD FILED OFFICE (NSAP) PEARL	COMSPANAVWAR	PEARL HARBOR	HI	0	0	0	0		
				TOTALS:	0	0	0	0		

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

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

UIC	NAME	MAJOR CLAIMANT	CITY	STATE	OFF	ENL	CIV	Non-DOD	CLOSED?	FY
N 60259	BUILDING E-134 WAREHOUSE	CINCPACFLT	NAS MIRAMAR	CA	0	0	0	0		
N 00246	SAN CLEMENTE ISLAND	CINCPACFLT	LOS ANGELES COUNTY	CA	0	0	0	0		
N 61665	COMPUTER PROGRAM	CNET	POINT LOMA	CA	0	0	0	0		
N 63387	MR SOLEDAD TRANSMITTER	COMNAVFAC	SAN DIEGO	CA	0	0	0	0		
N 00244	POINT LOMA ANNEX	COMNAVSUPSYS	SAN DIEGO	CA	0	0	0	0		
N 66001	EXPERIMENTAL TEST FACILITY	COMSPANAVWAR	SENTINEL	AZ	0	0	0	0		
N 66001	LA POSTA ASTROPHYSICAL	COMSPANAVWAR	EAST SAN DEIGO COUNTY	CA	0	0	0	0		
N 66001	MORRIS DAM TEST FACILITY	COMSPANAVWAR	AZUSA	CA	0	0	0	0		
				TOTALS:	0	0	0	0		

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

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

UIC	NAME	MAJOR CLAIMANT	OFF	ENL	CIV	Non-DOD	FY	RECEIVING BASE
D HQ0112	DEF FINANCE & ACCNT SERV DAO-CL	unknown	0	0	39	0		
D D000UA	DEFENSE TECHNICAL INFORMATION	unknown	0	0	12	0		
X USC	US CUSTOMS	unknown	0	0	0	0		
X DDI	DATA DISPOSAL, INC	unknown	0	0	0	0		
X ECC	EVERGREEN CONCESSIONS CO	unknown	0	0	0	0		
X LPA	LA PETITE ACADEMY, INC	unknown	0	0	0	0		
X MPL	MARINE PHYSICAL LABORATORY	unknown	0	0	0	0		
X PLFCU	POINT LOMA FEDERAL CREDIT UNION	unknown	0	0	0	0		
X SATO	SCHEDULED AIRLINE TRAFFIC OFFICE	unknown	0	0	0	0		
X UC	UNIVERSITY OF CALIFORNIA	unknown	0	0	0	0		
		TOTALS:	0	0	51	0		

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

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

Total Facility Square Feet (in thousands): ~~1,785~~ 45.18 VR BUMED 824
← uic 63116 only

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

			***** O&M, etc. *****				***** DBOF *****				***** TOTAL *****			
UIC	NAME	MAJOR CLAIMANT	RPMA NONPAY	RPMA PAY	OBOS NONPAY	OBOS PAY	RPMA NONPAY	RPMA PAY	OBOS NONPAY	OBOS PAY	RPMA NONPAY	RPMA PAY	OBOS NONPAY	OBOS PAY
43639	DEFENSE PRINTING SERVICE	COMNAVSUPSYSCO	0	0	0	0	1	0	44	0	1	0	44	0
63116	NAVAL HEALTH RESEARCH	BUMED	243	0	765	1403	0	0	0	0	243	0	765	1403
66001	NCCOSC RDTE DIV	COMSPANAVWARC	51	0	70	223	5097	0	53993	32450	5148	0	54063	32675
68221	NAVPERSRANCCEN SAN DIEGO	CHNAVPER	0	0	0	0	270	84	1345	2301	270	84	1345	2301
		TOTALS:	294	0	835	1626	5368	84	55382	34751	5662	84	56217	36379

→ RDT+E Appropriation vs O+M Navy VR BUMED 824

11/28/94

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	TOTAL CONTRACT WORKYEARS	NO. OF WORK-YEARS TO BE TRANSFERRED	NO. OF WORK-YEARS TO BE ELIMINATED	NO. OF WORK-YEARS REMAINING AT ACTIVITY
43639	DEFENSE PR NTING SERVICE BRACH	COMNAVSUPSYS	0	0	0	0
63116	NAVAL HEALTH RESEAFCH CENTER	BUMED	70	70	0	0
66001	NCCOSC RDTE DIV	COMSPANAVWAR	2,312	2,262	13	37
68221	NAVPERSRANDCEN SAN DIEGO	CHNAVPER	48	3	45	0
		TOTALS:	2,430	2,335	58	37

TOTAL P.10

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
*NCCOSC NRAD	**BUPERS Memphis Tn	Medical Research

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 BUMED retains major claimancy of NHRC
NHRC moves to Memphis and becomes a tenant of BUPERS

*NCCOSC NRAD-Naval Command Control and Ocean Surveillance Center Naval Research and Development

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:	NCCOSC NRAD

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: NCCOSC NRAD

To Gaining Base: **BUPERS Memphis Tn

UIC	Name	Type	1996	1997	1998	1999	2000	2001	Total
	Memphis Tn	Officer				10			10
		Enlisted				7			7
		Civilian				57			57
		Mil Stu							
		Officer							
		Enlisted							
		Civilian							
		Mil Stu							
		Officer							
		Enlisted							
		Civilian							
		Mil Stu							
		Officer							
		Enlisted							
		Civilian							
		Mil Stu							
		Officer							
		Enlisted							
		Civilian							
		Mil Stu							
	TOTAL	Officer				10			10
		Enlisted				7			7
		Civilian				57			57
		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.

**In this scenario, BUMED retains major claimancy of NHRC. NHRC moves to Memphis and becomes a tenant of BUPERS

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

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

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

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

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

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

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

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

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

From **Losing** Base: NCCOSC NRAD							
To **Gaining** Base: **BUPERS Memphis Tn							
	1996	1997	1998	1999	2000	2001	Total
Officer Billets				10			10
Enlisted Billets				7			7
Civilian Positions				57			57
Military Students							
Tons of Mission Equipment				115			115
Tons of Support Equipment				85			85
Number of Light Vehicles				4			4
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
1 Sedan, 3 Vans (2mini 1 8 Passenger	Less expensive to relocate than purchase at new site
2 environmental chambers swim flume treadmill undersea weighing tank biomechanics tank mainframe computer facility technical research library	

**In this scenario BUMED retains major claimancy of NHRC. NHRC moves to Mephis TN and becomes a tenant of BUPERS

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: NCCOSC NRAD

UIC	Name	Type	1996	1997	1998	1999	2000	2001	Total
63116	NHRC San Diego	Officer							
		Enlisted							
		Civilian			10				10
		Officer							
		Enlisted							
		Civilian							
		Officer							
		Enlisted							
		Civilian							
		Officer							
		Enlisted							
		Civilian							
		Officer							
		Enlisted							
		Civilian							
		Officer							
		Enlisted							
		Civilian							
		Officer							
		Enlisted							
		Civilian							
		Officer							
		Enlisted							
		Civilian							
	TOTAL	Officer							
		Enlisted							
		Civilian			10				10

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

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

(see next page)

Table 2-D: Manpower Reconciliation Data

	Officers	Enlisted	Civilians	Mil Stu	Total
A. Begin FY 1996:	10	7	68		85
B. Force Structure Changes(+/-):			-1		-1
C. Prior BRAC Changes (+/-):					
D. End FY 2001:	10	7	67		84
Moving to (List each Gaining Base):					
1. Memphis TN	10	7	57		74
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
E. Total Billets/Positions Moving:	10	7	57		74
F. Eliminated Billets/Positions:			10		10
G. Remaining at Losing Base:					0
H. Sum of Lines E, F, and G:	10	7	67		84

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: N/A							
	1996	1997	1998	1999	2000	2001	Total
Military Caretakers							
Civilian Caretakers							

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: N/A

	Cost	FY	Description
1.			

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: N/A

	Cost	FY	Description
1.			

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: N/A

	Cost	FY	Gaining Base	Description
1.				

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: NCCOSC NRAD

Gaining Base	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001 and Beyond
1. BUPERS, Memphis TN				185.3K	185.3K	185.3K
Description: Travel for Navy/Marine Corps subjects for in-house laboratory studies*						
2. BUPERS, Memphis TN				454.9K	454.9K	454.9K
Description: Investigator travel to conduct field studies with operational forces						
3. 468 travelers x airline cost ($532) x per diem (4+days)						
Description:						
4.						
Description:						
5.						
Description:						

Add additional lines to worksheet as necessary.

* at $110/day
* 240 subjects/yr x airline cost ($532) x perdiem ($ days at $110/day)

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: NCCOSC NRAD						
Gaining Base	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001 and Beyond
1. BUPERS, Memphis				45K	45K	45K
Description: Locality pay						
2.						
Description:						
3.						
Description:						
4.						
Description:						
5.						
Description:						

Add additional lines to worksheet as necessary.

Based on Jan 94 locality pay component

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: N/A

	Annual Cost	FY	Description
1.			

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: N/A

	Annual Savings	FY	Description
1.			

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: N/A

	Revenues	No. of Acres	Rationale
1.			

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: N/A

	Cost	FY	One-Time/Recurring	Explanation
1.				

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: NCCOSC NRAD

Facility KSF Shutdown: 45 18

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: NCCOSC NRAD								
		1996	1997	1998	1999	2000	2001	Total
a.	One-Time Unique Costs							
b.	One-Time Unique Svgs							
c.	One-Time Move Costs							
d.	Net Mission Costs				640.2K	640.2K	640.2K	1920.6K
e.	Net Mission Savings				45K	45K	45K	135K
f.	Misc Recur Costs							
g.	Misc Recur Savings							
h.	Land Sales							
i.	Procurement Cost Avoid							

j. Fac. Shutdown (KSF)	45,180

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:	BUPERS Memphis TN

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: N/A

	Cost	FY	Location	Description
1.				

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: N/A

	Cost	FY	Description
1.			

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: N/A

	Cost	FY	Description
1.			

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: N/A

	Cost	FY	Description
1.			

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: N/A

	Annual Cost	FY	Description
1.			

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: N/A

	Annual Savings	FY	Description
1.			

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: N/A

	Cost	No. of Acres	FY	Description
1.				

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:	N/A						
	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							
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.

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:	BUPERS MEMPHIS TN		
Category (Unit)	New Construction Requirement	Rehabilitation Requirement	Comment
Horizontal (SY)			
Berthing (FB)			
Air Maintenance (SF)			
Other Operations (SF)			
Administrative (SF)		10,650	
Training (SF)			
Maintenance (SF)			
Bachelor Quarters (SF)			
Supply/Storage (SF)		2,020	
Dining Facilities (SF)			
Personnel Support (SF)			
Communications (SF)			
Ship Maintenance (SF)			
RDT&E (SF)		32,330	
POL Storage (BL)			
Ammo Storage (SF)			
Medical Facilities (SF)			
Environmental	$	$	
Other: - - -	 $ $ $	 $ $ $	

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

NEXT ECHELON LEVEL (if applicable)

CAPT T. N. JONES, MSC, USN
NAME (Please type or print)

Signature

Commanding Officer
Title

8 JUN 95
Date

Naval Medical Research & Dev. Command
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

D.F. HAGEN, VADM, MC, USN
NAME (Please type or print)

X Signature

CHIEF BUMED:SURGEON GENERAL
Title

X June 9, 1995
Date

BUREAU OF MEDICINE & SURGERY
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

6/12/95
Date

Document Separator

DIRECTOR OF DEFENSE RESEARCH AND ENGINEERING
3030 DEFENSE PENTAGON
WASHINGTON, D.C. 20301-3030

JUN 19 1995

Mr. David S. Lyles
Staff Director
The Defense Base Closure
and Realignment Commission
1700 North Moore Street
Suite 1425
Arlington, VA 22209

Dear Mr. Lyles:

This is in response to your May 30, 1995 letter regarding the proposed disestablishment, realignment, and relocation of Naval Health Research Center (NHRC), San Diego, California.

Your letter presented two possible outcomes for NHRC, and questioned their impact on the center's ability to perform its mission under the Armed Forces Medical Research and Development Agency (AFMRDA). Our plans for AFMRDA are progressing well; they include the establishment of a provisional AFMRDA late this year, and incorporate NHRC's medical research capabilities in areas of military health, safety, and operational performance.

In your first scenario, NHRC would be disestablished, and its personnel, equipment and functions would merge with the Bureau of Naval Personnel (BUPERS) in Memphis, Tennessee. This option could potentially destroy the unique medical RDT&E capabilities now resident at NHRC. NHRC and BUPERS have distinct and different missions, supported by different technologies. NHRC's resources are tailored for medical research. It could be counterproductive to place these assets and scientific programs within a Command with an unrelated mission, and could lead to organizational and professional isolation.

In your second scenario, NHRC would remain a stand-alone research center under the Bureau of Medicine and Surgery (BUMED), and would relocate to Memphis. This option appropriately aligns organizations with consistent, medical missions. However, the relocation of NHRC to Memphis would create costs and inefficiencies that would diminish the usefulness of NHRC for applied medical research and development. It would sever critical ties among NHRC's scientists and the operational groups they support. These linkages should not be undervalued; they are essential for ensuring the appropriate design of research products, customer acceptance, and transition to the user community. Such ties might be reestablished with Naval and Marine operational units on the East Coast, but building these connections requires trust and credibility, substantial time, and dedicated effort. Frequent travel between Memphis and Atlantic coast military bases would significantly increase the cost of research, and diminish productivity.

In Memphis, NHRC's medical scientists also would lose fruitful collaborations with local preventive and environmental medical organizations. These linkages in San Diego have allowed a sharing of medical expertise among RDT&E and clinical groups, and have been critical to the success of NHRC's efforts in epidemiology, occupational health, and HIV surveillance.

Under either scenario, the Department of Defense will lose an important and unique medical RDT&E capability. From my perspective as Chairperson of the Armed Services Biomedical Research Evaluation and Management Committee, I believe that retaining NHRC under AFMRDA in the San Diego area has many positive functional benefits which I hope the Commission will take into account in reaching its final decision on this matter.

Sincerely,

Anita K. Jones

Document Separator

Mullner

DEPARTMENT OF THE NAVY
OFFICE OF THE SECRETARY
1000 NAVY PENTAGON
WASHINGTON, D.C. 20350-1000

LT-0804-F16
BSAT/WC
8 June 1995

The Honorable Alan J. Dixon
Chairman, Defense Base Closure
and Realignment Commission
1700 North Moore Street
Suite 1425
Arlington, VA 22209

Dear Chairman Dixon:

As requested, a copy of the response to questions asked by Congressman Brian Bilbray on May 18, 1995, concerning the proposed realignment of the Naval Health Research Center, San Diego, is attached.

As always, if I can be of any further assistance, please let me know.

Sincerely,

Charles P. Nemfakos
Vice Chairman,
Base Structure Evaluation Committee

Attachment

DEPARTMENT OF THE NAVY
OFFICE OF THE SECRETARY
1000 NAVY PENTAGON
WASHINGTON, D.C. 20350-1000

LT-0804-F16
BSAT/WC
8 June 1995

The Honorable Brian P. Bilbray
House of Representatives
Washington, D.C. 20515

Dear Mr. Bilbray:

Thank you for your letter of May 18, 1995, to the Chairman of the Base Closure and Realignment Commission concerning the Naval Health Research Center (NHRC), San Diego. Chairman Dixon has asked me to respond directly to you.

The response to your questions regarding the proposed realignment of the NHRC is attached. If I may be of any further assistance, please let me know.

Sincerely,

Charles P. Nemfakos
Vice Chairman,
Base Structure Evaluation Committee

Attachment

RESPONSE TO QUESTIONS REGARDING THE NAVAL HEALTH RESEARCH CENTER, SAN DIEGO

Q1. Structure: Considering current resources and mission, how will the ASBREM [Armed Services Biomedical Research Evaluation and Management] accommodate BuPers within its structure? How will Bupers acquire and manage medical Program 6 resources? Can Navy medical billets be assigned to BuPers, and if so, how will this affect medical mobilization plans? How will BuPers support the human use requirements of medical research (e.g., committee for the Protection of Human Subjects, advanced cardiac life support (ACLS) qualified physicians as medical monitors, etc.)? How will medical R&D requirements be distributed between BuMed and BuPers.

A1. Although specifics won't be finalized until implementation, experience shows personnel, acquisition, funding, and other types of management functions are not dependent on which major claimant the command structure is aligned with. Navy activities, to include medical personnel and even entire medical treatment facilities (e.g. hospitals), are often assigned to Navy commands outside of BUMED and even other Military Services on a temporary or permanent basis. The Naval Personnel Research and Development Center is an example of a research and development activity that changed major claimants from the Director, Navy Laboratories to BUPERS. All major claimants have a responsibility to its internal organizations, subordinate activities, and tenants (where applicable) for the resources or the management and coordination of resources from other sources when not internal.

Q2. Tri-Service Joint Operation: What excess capacity has the Navy identified that the RDA-21 study did not? On what basis is BuPers identified as the primary user of NHRC's products? Did the Navy BRAC-95 analysis consider the proposed medical research laboratory consolidation as directed by the Office of the Secretary of Defense? What is the joint service impact of NHRC realignment to Memphis? Did the Department of the Navy (DoN) utilize this data in BRAC-95 analyses?

A2. The DoN goal for BRAC-95 was to reduce its infrastructure to the minimum required to support the naval forces in 2001. In the case of technical centers, our goal was to also ensure retention of our ability to pursue and sustain essential technological efforts uniquely critical to naval operations while eliminating unnecessary infrastructure. The excess capacity eliminated by the recommendation to disestablish NHRC and relocate necessary functions, personnel and equipment to the BUPERS at Memphis, comes from the elimination of 15 personnel (command and administrative billets). This reduction equates to a nearly 18% reduction in total personnel.

The term "primary user", is intended to show the close relationship that exists between BUPERS and NHRC. The

research/numerous studies conducted by NHRC have a direct impact on the development of personnel related policies, assignments, and readiness. Examples of studies that depict this relationship can be found in the Military Value Data Call for Technical Centers.

Neither the DoN process nor the joint cross-service process considered the recommendation to specifically redesignate NHRC as the Armed Forces Medical Research Unit-3. It was not noted in NHRC's Scenario Development Call as a proposed course of action, nor did NHRC submit an alternate scenario based upon the ASBREM recommendation or any other alternative. If information concerning an ASBREM recommendation had been included in the data call, it would have been reviewed by the Base Structure Analysis Team, as occurred in the case of the Naval Medical Research Institute. ASBREM's recommendations were primarily organizational, although they would logically lead to consolidation of functions and closure and/or realignment of many small laboratory activities. The Director, Defense Research and Engineering (DDR&E) further recognized that, given the way the Laboratory Joint Cross Service Group collected its data, its alternatives did not match one for one with the ASBREM recommendations. The Navy consolidated both its manpower and personnel lab, NPRDC and its human systems lab, NHRC at Memphis consistent with DDR&E alternatives and guidance. Our process and the joint process offered ample opportunity to consider other recommendations and ongoing initiatives. The recommendation to close NHRC and relocate necessary functions to Memphis was considered to be our best opportunity to reduce infrastructure while sustaining essential technological efforts within the DoN.

Q3. Proximity to Operational Units: What population will a Memphis based Medical R&D facility target to fulfill the stated mission? What is the rationale for moving an operational medical research facility from San Diego where it is near its research populations and their operational platforms to Memphis? What is the synergy that is achieved? How does the move to Memphis "enhance the discharge" of the military operational medicine responsibility? Did the Navy BRAC analysis consider the loss of synergy with NHRC's biomedical research partners such as the University of California, San Diego (School of Medicine, Neuroscience Department), San Diego State University (Graduate School of Public Health, Physiology Department), Children's Hospital, Naval Medical Center, San Diego, and the Navy Environmental Preventive Medicine Unit-5?

A3. The current mission of NHRC states in part that NHRC provides fleet support to Navy and Marine Corps personnel. The mission does not target a specific group within the DoN nor does it target a specific region. NHRC's mission is intended to provide support generally to fleet operational readiness and to all Navy and Marine Corps personnel. The proposed relocation to Memphis provides a centralized location from which to conduct field work, when required, not only with West coast activities

and associated environments, but also with the East coast and Gulf coast regions. The inclusion of travel costs in NHRC's Scenario Development Data Call was recognized as a valid requirement for conducting their mission, however, even with these costs the return of investment for the relocation is realized in only four years. The relocation to Memphis offers the synergy of being integrated with BUPERS, the owners and operators of the Navy's extensive data bases and data collection systems for personnel information, which are a key sources of information for NHRC. An additional synergy is achieved by the close proximity (within 30 miles) of 15 hospitals to the Memphis site.

Q4. BOS and RPMA: How can the cost of operating a facility possibly be so different between these locations, particularly when considering the increased utility costs for heating and cooling in Memphis? Is this an estimate or cost shifting or cost saving? Has the receiving activity, BuPers, concurred with these figures?

A4. COBRA algorithms automatically calculate changes in non-payroll base operating support (BOS) costs associated with closure/realignment actions. In the case of NHRC San Diego, non-payroll BOS costs at San Diego were identified as a savings associated with this closure action. Similarly, non-payroll BOS cost increases to accommodate NHRC personnel in Memphis were also calculated, using certified data on projected BOS costs for BUPERS, Memphis. As noted, the COBRA algorithms do estimate a net BOS savings associated with this relocation. This net savings is attributable to several factors: (1) the relatively lower BOS costs in Memphis, (2) the fact that no new construction is required in Memphis, and, (3) since only a portion of BOS costs are variable (while the remainder is fixed), COBRA estimate of BOS cost increases at BUPERS, Memphis are on a less than "one-for-one" basis for the influx of additional personnel. Relatively lower BOS costs in Memphis (as reported in certified data) are corroborated by other cost factors used in COBRA analysis, all of which are significantly lower in Memphis:

	San Diego/Memphis
Construction Area Cost Factor:	1.16 / 0.91
Per Diem Rate:	$116 / $87
Average VHA Rate - Officers:	$353 / $34
Average VHA Rate - Enlisted:	$224 / $28

It should be noted that a standardized approach in estimating costs and savings (COBRA) has been used by all DoD Components to ensure a consistent approach in calculating return on investment for base closure actions.

Q5. Military Personnel: With these billets removed [4 military billets eliminated by downsizing], what is the new estimate of savings from military personnel reductions expected from the realignment?

A5. In determining projected savings for the elimination of personnel, we used the certified data in NHRC's Scenario Development Data Call response that reflects currently projected end-strength through FY 2001:

Begin FY-1996	10 off	/ 7 enl	/ 68 civ	= 85
Force Structure Reduction	0	0	-1	= -1
Eliminations	-3	-2	-10	=-15
Moving	7	5	57	= 69

There is no indication that four of the five military billets, noted above as eliminated billets, were already designated for elimination. The only projected force structure change is one civilian billet. As a result, there are no changes made to the personnel reduction cost savings shown in our COBRA analysis.

Q6. Civilian Personnel: What is the actual number of civilian billets required to accomplish the NHRC mission in Memphis? After reevaluating the cost issues I have outlined above, please let me know how any revised figures impact the expected return on investment period. Also please consider the broader organizational implications of consolidating a proposed DoD medical R&D asset into a Navy line activity.

A6. The personnel figures provided by NHRC's Scenario Data Call, and noted above in Answer #5, reflect the personnel resources required by NHRC to accomplish the functions being relocated to Memphis.

Review of the cost issues and other questions outlined in your letter do not give rise to changes that would impact the four year return of investment provided by the COBRA analysis.

While there are implementation issues to be addressed as time progresses, as mentioned previously, the changing of major claimants is not new even for a research and development activity. The majority of the RDT&E laboratories changed major claimants as a result of BRAC-91.

Document Separator

NAVAL HEALTH RESEARCH CENTER
SAN DIEGO, CA

The recent report submitted by the Department of the Defense (DOD) to the Commission on DOD Base Closure and Realignment (BRAC) has recommended the relocation of the necessary functions, personnel and equipment of the Naval Health Research Center (NHRC) to the Bureau of Naval Personnel at Memphis, Tennessee. NHRC is a Naval Bureau of Medicine and Surgery research facility located on Pt. Loma. NHRC is one of eight Navy medical research commands, all of which are currently undergoing a separate DOD action to combine all the military medical research into an Armed Forces Medical Research and Development Agency. NHRC employees approximately 60 civil service, 55 contract and 25 military personnel, who are involved in a variety of medical research projects dealing with applied human physiology, epidemiology and medical information systems in support of sailors and marines. The recommendation to relocate NHRC's functions, personnel and equipment to Memphis is one of several recommendations dealing with DOD technology centers/laboratories that the BRAC Commission will consider. After approximately four months of review, hearings, etc., the BRAC Commission will make final recommendations which will then be considered by the President and then the Congress. Final approval to the BRAC Commission recommendations is not expected until later this fiscal year. At this time there is insufficient information to speculate on the impact of any impending BRAC actions on either facilities or personnel.

Larry M. Dean
Captain, Medical Service Corps
United States Navy
Commanding Officer

Document Separator

R&D employees in shock about Navy moving plans

By JAMES W. CRAWLEY
Staff Writer

The lives of Carol Mullins and the 157 other civilian employees at the Navy Personnel Research and Development Center have been in a holding pattern since Feb. 28.

That's the day the Pentagon announced it wanted to close the R&D center on Point Loma, split it up and move it to Memphis, Tenn., and Orlando, Fla.

While many in San Diego breathed a sigh of relief and praised the Defense Department's plan to move a major Navy headquarters to the city, the joy wasn't ubiquitous.

The researchers, mathematicians, computer scientists, technicians, clerks and secretaries at the R&D center and its neighbor, the Naval Health Research Center, were in shock.

Both facilities were recommended for relocation. Pentagon officials said savings would come from consolidating support functions with other units. If approved by the Base Closure and Realignment Commission, known as BRAC, and by the president and Congress, the centers would be moved and the local staff members laid off or offered transfers.

"Everyone's life is suspended in midair," said Mullins, a manpower researcher with more than 12 years at the R&D center.

First, they must wait for the BRAC panel to decide the center's fate — a decision that won't be final until July 1. Then, if the center is to be moved, that process could take from two to six years.

"It's difficult (to make any decisions) because we don't have a timetable," Mullins said.

The research center is the Navy's only laboratory that investigates manpower, training and personnel matters, said its commander, Capt. Patricia Spishock.

See R&D on Page B-5

R&D

Plan to relocate office shocks its employees

Continued from B-1

Researchers survey Navy personnel about sexual harassment and race relations, and study the increased deployment of women on combat ships. Other experts have developed computer models that predict how many sailors and Marines will be needed in future years. The center is computerizing the entrance exam taken by all military recruits. It also is developing the Navy's video and interactive training, using everything from television to virtual reality.

The center has been pummeled by cutbacks during the past six years; its staff has been reduced from 300 in 1989 to its current level of 158 civilians and 20 military personnel.

Spishock said the R&D center has been a target for cutbacks because people often fail to understand the complexities and science of the work.

"We were the orphan of the research and development field," she said. "It's been us against the world."

After failing to get responses from several congressmen, supervisor Mark Chipman commented, "I don't think Congress knows who we are."

Apparently, the brass at the Pentagon doesn't know much about the center, either. The Pentagon's base-closing list and other material calls it the *Naval* Personnel Research and Development Center, instead of its actual name — the *Navy* Personnel Research and Development Center.

And, the Greater San Diego Chamber of Commerce's BRAC committee hasn't jumped to support the local R&D center.

"Of course, we'd like not to have anything close," said Howard Ruggles, the chamber's military director. "However, we're getting as many (new jobs) as we're losing."

"We've been running and now there's no place to hide," remarked Paul Rosenfeld, who studies personnel issues for the center.

Unlike other military units, the center gets none of its $29 million budget directly from congressional appropriations. Instead, the facility is "hired" by Navy commands, the Defense Department and other government agencies to conduct projects.

Most of the 109 researchers on the staff, plus dozens of contract employees, have advanced college degrees, work in high-paying jobs and are considered experts in their fields.

The majority of the researchers have worked at the R&D center for more than 10 years. The average tenure is just shy of 15 years.

The center is housed in converted World War II barracks behind high fences along Cabrillo Memorial Drive just north of Rosecrans National Cemetery.

When news of the closure recommendation arrived, the emotions ran from shock to sadness to resignation, according to several staff members.

"It was devastating," recalled Becky Hetter, who has worked there 19 years. "We had just been through a RIF (reduction in force, government jargon for layoff), and just barely had time to recoup from that."

The announcement wasn't entirely without warning. Many people on the staff were involved in answering lengthy questionnaires that the Pentagon used to determine which bases and laboratories would be closed.

"I sort of saw it coming," Chipman said. "I've given my blood, sweat and tears, so I was saddened."

The greatest sadness for the center may be that many, if not most, of the researchers might stay here. Spouses, children and lifestyles may force many to turn down potential transfers.

"You're potentially getting a divorce from part of your 'family,'" Mullins said.

But their sadness quickly turned to resentment.

"A lot of people who've invested a career now feel let down," said Doug Wetzel, a video tele-training expert. "To be left high and dry is . . . terrible."

Several researchers say the closure process, while estimated to save $1.9 million annually, failed to take into account the synergy of

SD Union
3/20/95

having the researchers within a few minutes' drive of their subjects or the staff's corporate memory.

"There's a culture here of trying to do something that gets down to a sailor," Wetzel said. "That's the target."

Also, they complained that moving to Memphis, where the Navy plans to install its personnel headquarters, will hurt research efforts because research subjects will be at distant locations.

Rosenfeld added that San Diego could be losing a valuable asset it may not have realized was here.

"The city is losing our skills and expertise," he added.

The center provides teaching volunteers and computers to Pacific Beach Middle and Campo Elementary schools, Spishock said. Other staff members teach at junior colleges, and the center employs university students.

"If they leave, we'll be out of luck," said Louis Tocco, a computer teacher at the middle school. The laboratory provides computers, a telephone line and technical assistance for the school's computer room, plus tutors for pupils needing help with reading and writing.

"It would yank the rug out from underneath our computer work," Tocco said.

Navy medical research lab faces transfer to Memphis

Some of the Navy's top medical researchers — physicians, physiologists and epidemiologists — may have to do future research into disease, stress and psychology at arm's length from their subjects.

The Naval Health Research Center, which employs 85 civilian and military personnel and about 55 contract employees, will be moved from its Point Loma home to Memphis, Tenn., if the Base Closure and Realignment Commission approves a Defense Department recommendation.

The center has done extensive research in hypothermia, heat stress, shipboard medicine, health care for women at sea and telemedicine. It also has conducted research on fighter pilots, ordnance-disposal technicians and damage-control personnel.

The facility has an annual budget of nearly $14 million, including a $2.9 million civilian payroll. Pentagon officials say closing the lab would save $1.4 million each year.

The center's commanding officer refused to be interviewed or allow staff members to speak to reporters, but the facility's first scientific director criticized the closure plans.

"It seems shortsighted," said Walter Wilkins, now 87 and retired. "It takes away the lab from its subjects."

Document Separator

POINT PAPER

Subj: NAVAL HEALTH RESEARCH CENTER, SAN DIEGO CA

Issue

- Additional information is needed to clarify issues contained in the justification section of Attachment X-17 of DON BRAC-95 Analysis and Recommendations, March, 1995.

Background:

- BRAC-95 recommended disestablish the Naval Health Research Center (NHRC), San Diego, CA, and relocate necessary functions, personnel and equipment to the Bureau of Naval Personnel (BuPers) at Memphis, TN.
- Justification for relocation was to consolidate NHRC with BuPers, reduce excess capacity, align NHRC with DON's principal organization responsible for military personnel and the primary user of its products, enhance synergy, and achieve economies.
- The RDA-21 medical research and development consolidation process was not considered in the BRAC-95 Analysis and Recommendations.

Discussion:

- NHRC is a fourth echelon **BuMed** activity specializing in applied biomedical R&D for the fleet and the Marine Corps.
- NHRC is a tennant activity of the Naval Command, Control and Ocean Surveillance Center RDT&E Division (NRaD) which provides facilities and administrative support. The facilities which are currently occupied by NHRC will not be affected by collateral BRAC-95 decisions.
- In the current, on-going consolidation of defense medical research and medical materiel development (RDA-21), NHRC capabilities are proposed to become part of the Armed Forces Medical Research and Development Agency in San Diego (Armed Forces Medical Research Unit No. 3, San Diego, CA).
- Tri-service military medical R&D infrastructure reduction, elimination of redundancies and excess capacity, and associated economies are being accomplished in the RDA-21 process which is directed by the Armed Services Biomedical Research Evaluation and Management (ASBREM) Committee.
- The mission of NHRC is to "support fleet operational readiness through research, development, test, and evaluation of biomedical and psychological aspects of Navy and Marine Corps personnel health and performance." NHRC is neither equipped nor staffed to conduct personnel research. BuPers funding accounts for less that three percent of NHRC's current budget.
- Direct access to operational units is critical to the performance of the NHRC mission. Synergy with fleet and FMF customers, as well as biomedical partners at the University of California, San Diego State University, Naval Medical Center, SD, Environmental Preventive Medicine Unit-5, NRaD, and other high-biotech, San Diego-based organizations would be severely diminished by a relocation to TN.

Recommendation:

- Retain medical RDT&E assets and capabilities of NHRC in San Diego within the Armed Forces Medical Research and Development Agency.

RATIONALE FOR PROXIMITY WITH FLEET AND MARINE CORPS

The Naval Health Research Center (NHRC) is a strategically positioned forward Bureau of Medicine and Surgery laboratory to support fleet operational readiness through research, development, test, and evaluation on the biomedical and psychological aspects of the Navy and Marine Corps. Most of the work conducted at this facility is in the advanced development stage of the research or evaluation process and requires close and continuous interaction with operational units of the Navy, Marine Corps, and Special Operations.

San Diego is the home of the Pacific fleet. The ships, submarines, aircraft, shore-based commands, and command and control facilities located in this area are critical to the execution of field research. Much of our field research focuses on shipboard health care delivery and requires close coordination with senior medical department representatives afloat and force medical officers ashore. These studies include medical evacuation at sea; the training, use, and certification of shipboard independent duty hospital corpsmen; health care requirements for women at sea; behavioral interventions to reduce sexually transmitted diseases during deployment to the Western Pacific, and telemedicine. Given the isolation and inaccessibility of deployed ships, and the necessary constraints on medical personnel and supplies, shipboard medicine represents a unique and critical aspect of Navy operational readiness. Due in large part to its close proximity to operational units, the Naval Health Research Center is preeminent in this critical area of research. Other areas of field research in operational units include heat stress aboard ship or during fire fighting exercises and the evaluation of protective interventions, physical readiness standards for specific communities (e.g., Explosive Ordinance Disposal) or tasks (e.g., damage control), evaluation of shipboard health promotion training and programs, and cockpit electromyographic analysis of neck and back strain during air combat maneuvering, to name a few.

Our proximity to the Naval Medical Center, San Diego and with the Naval Environmental Preventive Medicine Unit 5 allows close linkage of Navy medical R&D with both the clinical and the preventive and environmental medicine communities. These linkages are critical to our programs in epidemiology, occupational health, and HIV surveillance, and are often facilitated by the co-assignment of medical staff.

The mountainous coastal region 40 minutes north of San Diego is the location of Camp Pendleton, a major Marine Corps base. Our close access to the marines at this base, as well as the recruits at the Marine Corps Recruiting Depot in San Diego, has been instrumental to our field studies in the areas of combat casualty documentation, etiologic agents, risk factors, and prophylaxis of respiratory disease epidemics, and the epidemiology of soft tissue injuries, to name a few. Cold weather field studies are performed at our remote laboratory at the Mountain Warfare Training Center for the Marine Corps in the mountains of Bridgeport, CA., and heat stress field studies are conducted at 29 Palms.

The San Diego location of SEAL Teams 1,3, and 5, the Naval Special Warfare Center, Special Boat Group 1, COMNAVSPECWARCOM, and the only high fidelity Seal Delivery Vehicle simulator, provide access to SEALs for field studies of hypothermia, biomedical enhancement, and biomedical protective equipment.

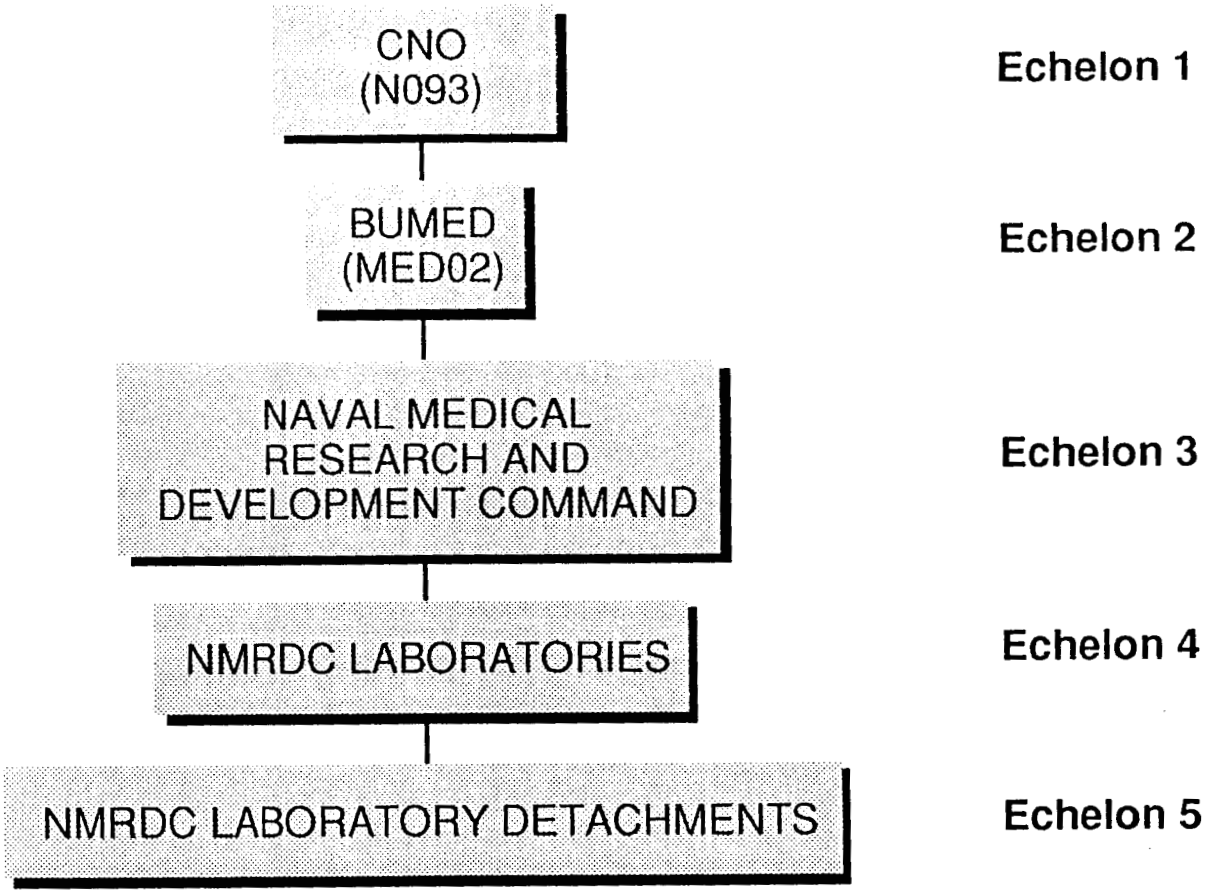
In summary, the surface, subsurface, air, special operations and Marine Corps platforms are key to recruitment of research subjects and on-site biomedical data collection. Interaction with fleet customers is essential to the execution of an effective biomedical R&D program. This interaction is necessary to tailor and transition fleet biomedical products, to gain trust, and to fully recognize and respond to the biomedical research requirements.

Naval Health Research Center

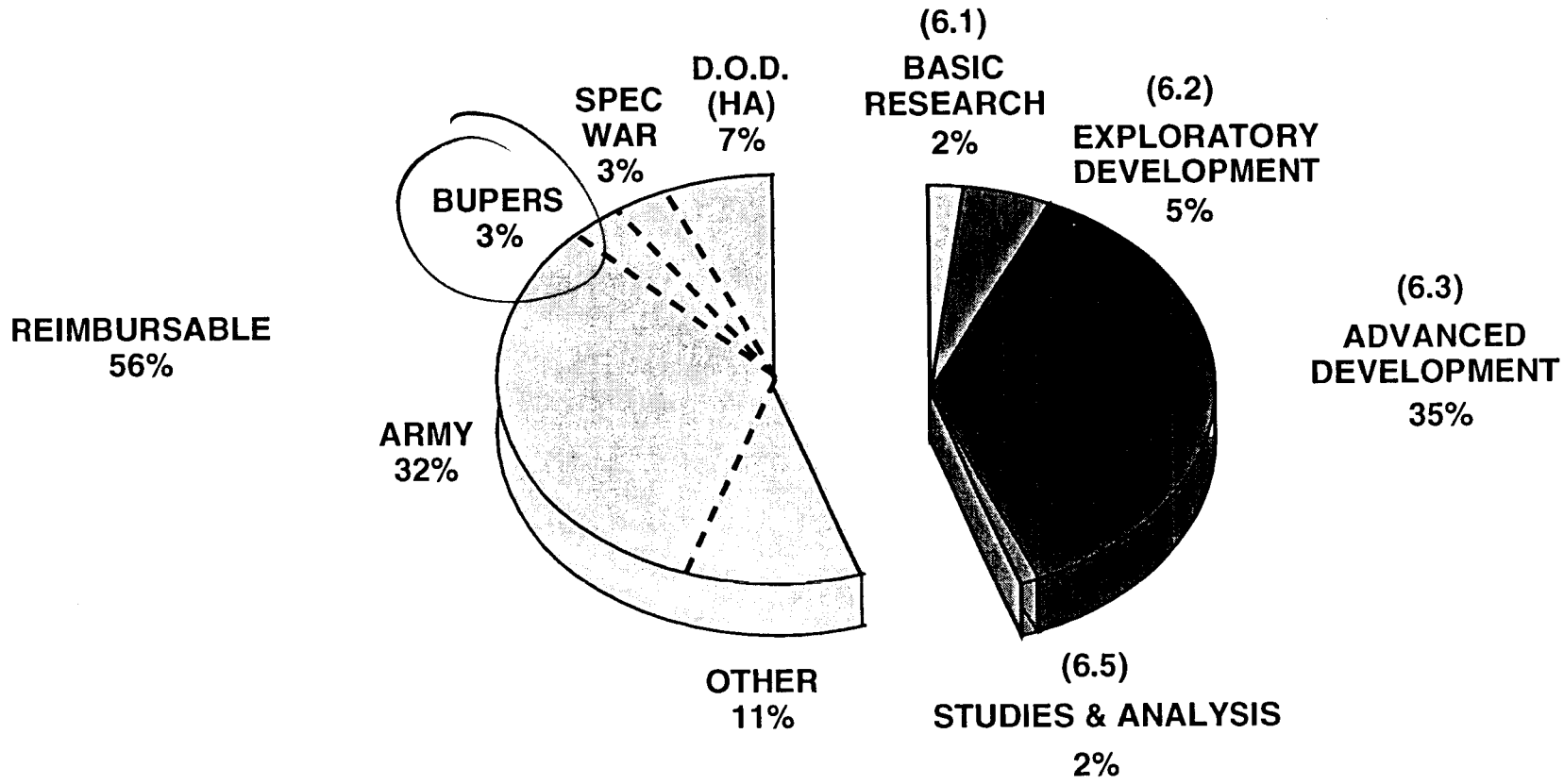
San Diego, California

To Support Fleet Readiness Through Research, Development, Testing, And Evaluation On The Biomedical And Psychological Aspects Of Navy And Marine Corps Personnel Health And Performance.

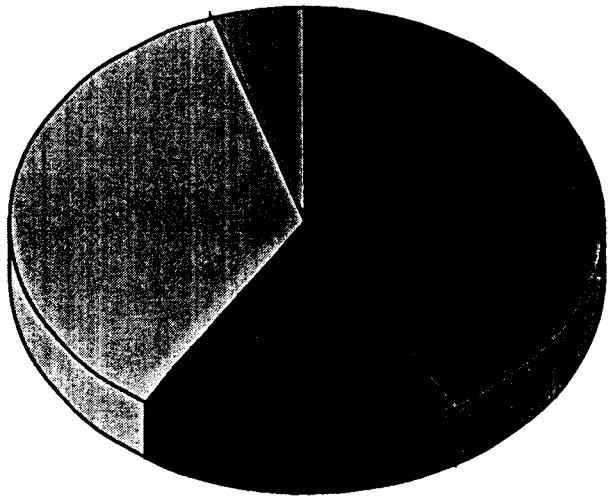
CHAIN OF COMMAND



NHRC
Total Obligated Authority



NHRC STAFFING

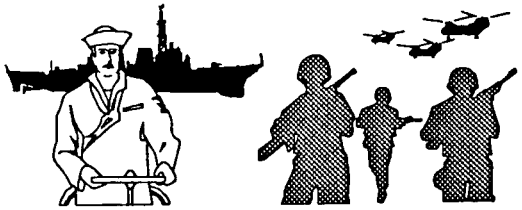


Additional Staff

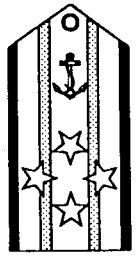
- Post Doctoral Associates (National Research Council)
- Graduate Student Assistants
- Summer Faculty
- Interagency Personnel Agreements

NHRC CUSTOMERS

OPERATIONAL FORCES

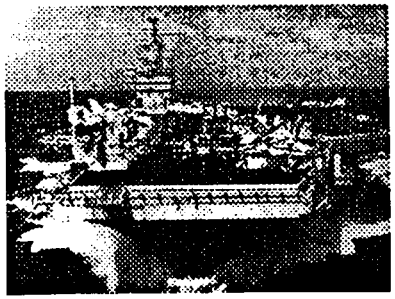


HEADQUARTERS



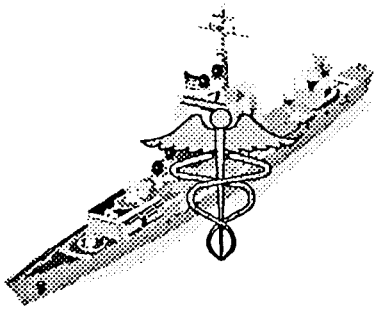
UNITED STATES NAVY
NAVAL HEALTH RESEARCH CENTER

OPERATIONAL & TRAINING COMMANDS

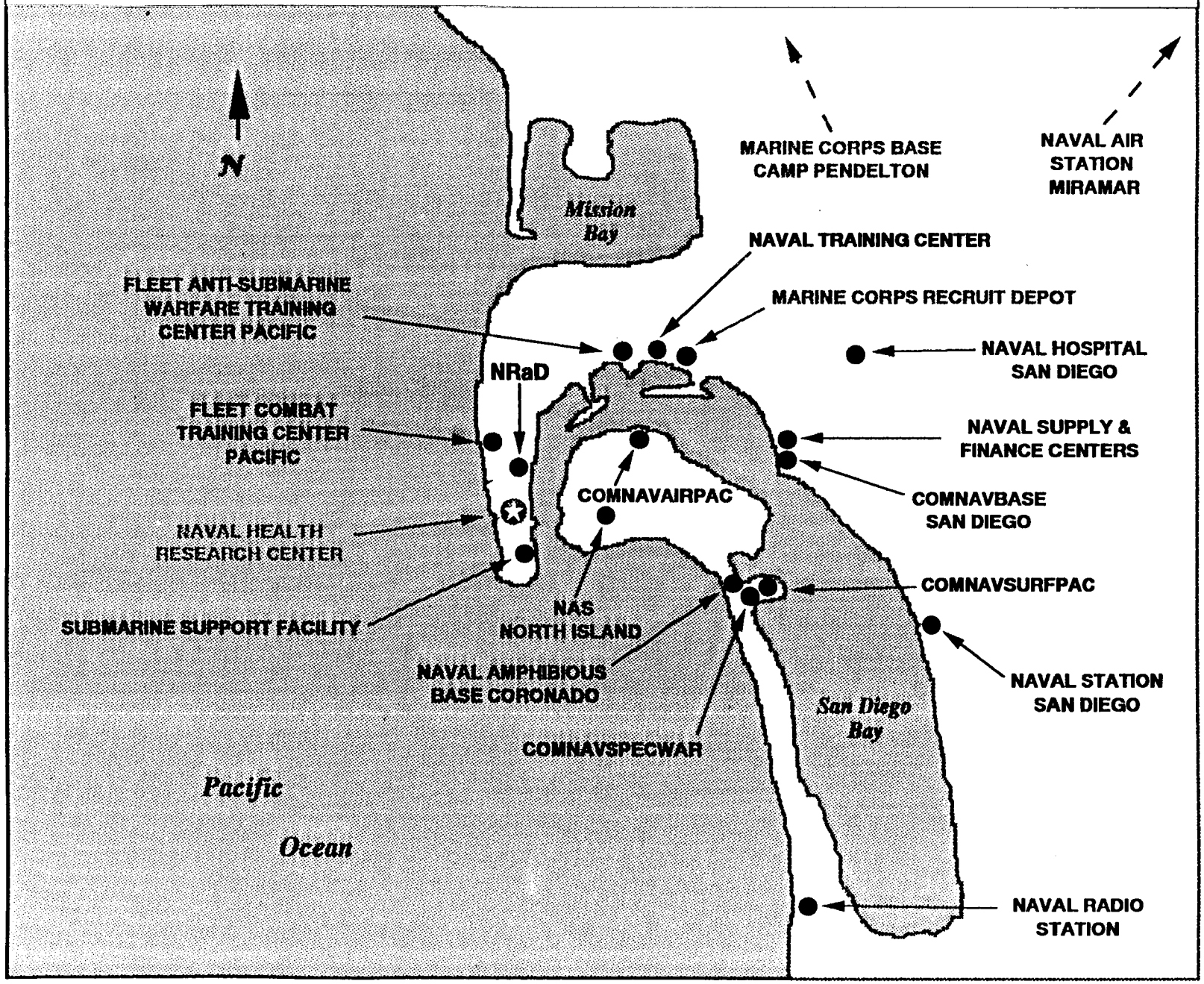


MEDICAL TREATMENT FACILITIES

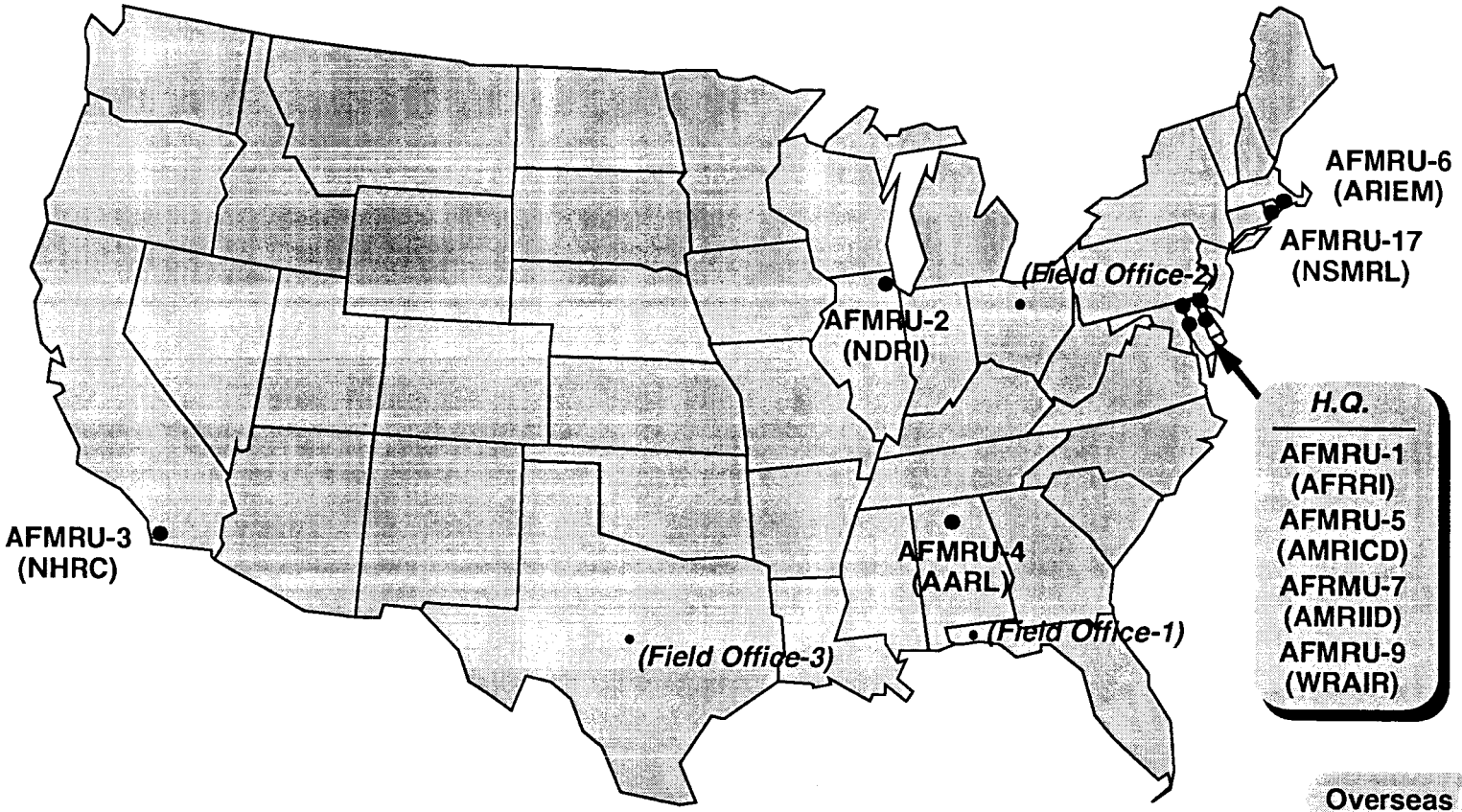
FLEET SURGEONS & FORCE MEDICAL OFFICERS



Major Naval Facilities in the San Diego Area



ARMED FORCES MEDICAL RESEARCH AND DEVELOPMENT AGENCY



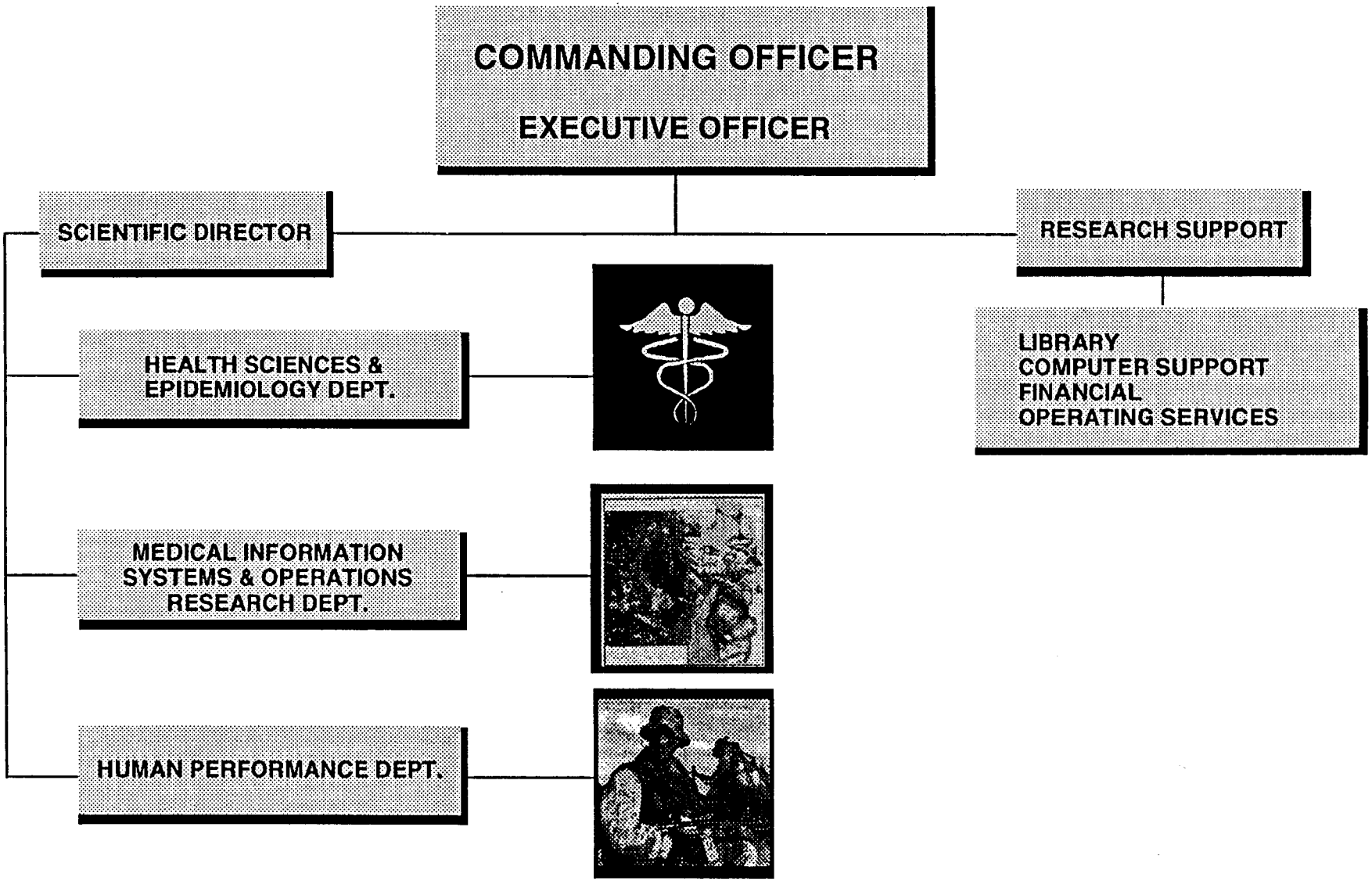
H.Q.

AFMRU-1 (AFRRI)
AFMRU-5 (AMRICD)
AFRMU-7 (AMRIID)
AFMRU-9 (WRAIR)

Overseas Labs

AFMRU-10	Jakarta
AFMRU-11	Cairo
AFMRU-12	Bangkok
AFMRU-13	Kenya
AFMRU-14	Brazil
AFMRU-15	Germany
AFMRU-16	Peru

NAVAL HEALTH RESEARCH CENTER



Health Sciences & Epidemiology

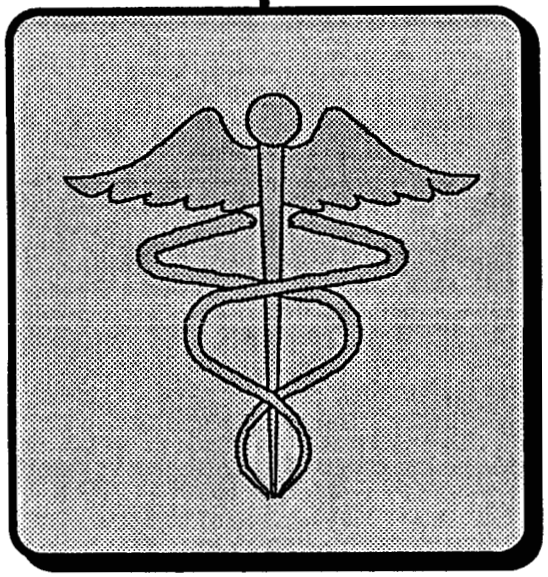
Programs

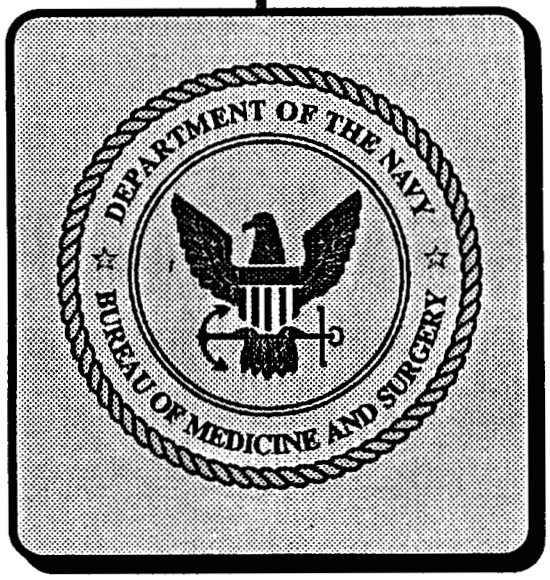
Health Promotion Evaluation

Applied Epidemiology

Medical Policy/ Decision Support

Projects





Health Sciences & Epidemiology

Programs

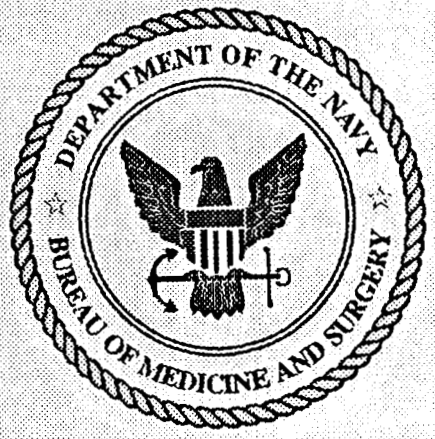
Health Promotion Evaluation

Applied Epidemiology

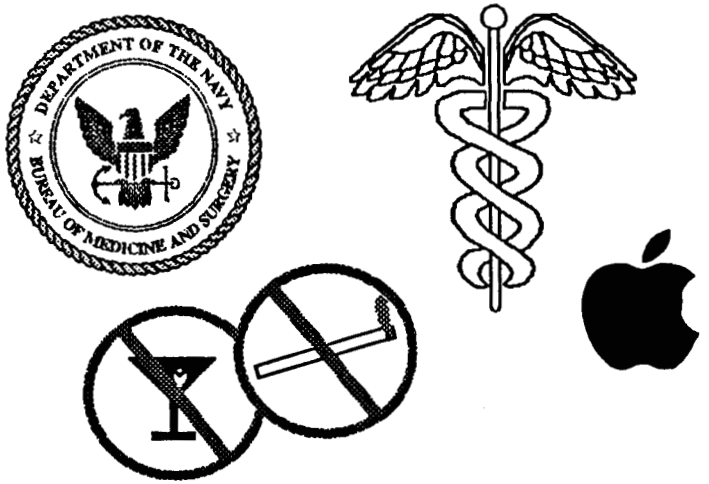
Medical Policy/ Decision Support

Projects

- Health Promotion/Fitness Evaluation
- Military Based Intervention for the Prevention of STD's/HIV



Health Promotion/Fitness Evaluation



PROBLEM

- Diseases of life style reduce fleet effectiveness and increase health-care costs.

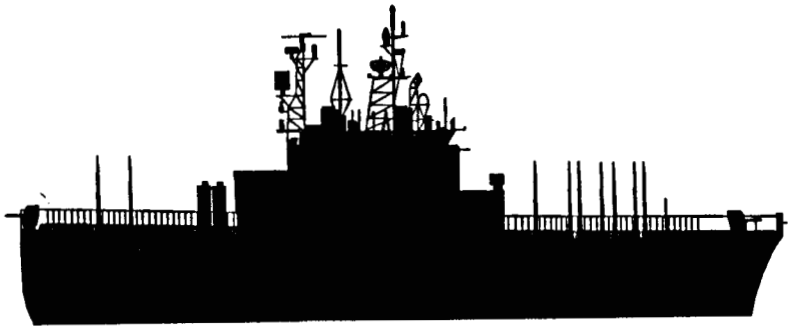
OBJECTIVE

- Develop Navy standards of physical fitness and instruments for measuring fitness and health risks.
- Determine prevalence of dysfunctional lifestyle behaviors and health risks.
  (e.g., smoking, obesity, alcohol abuse, hypertension)
- Assess relationships between life-style behaviors, fleet readiness, and health outcomes.
- Evaluate effectiveness of Navy health promotion and treatment programs.

PAYOFF

- Navywide and command-level monitoring of trends in health risks.
- Navy-specific models for predicting life-style-related health outcomes and associated costs.
- More cost-effective health promotion and treatment programs.
- Health-care cost containment.
- A healthier, fitter fighting force.

Military Based Intervention for the Prevention of STD's/HIV



PROBLEM

- Acquisition of STD's during deployment characterized by:
  - inexact incidence rates
  - poor documentation
  - STD's often asymptomatic

OBJECTIVE

- Design and test behavioral intervention for reduction of STD incidence
- Evaluate newly developed non-invasive diagnostic methods for STD's
- Provide guidelines for standardization of interventions and methods

PAYOFF

- Reduction in incidence of STD's
- Preventive measures and non-invasive diagnostics for STD's in active duty personnel on WestPac deployment
- Successful products applicable to deployed and shore-based personnel

Health Sciences & Epidemiology

Programs

Health Promotion Evaluation

Projects

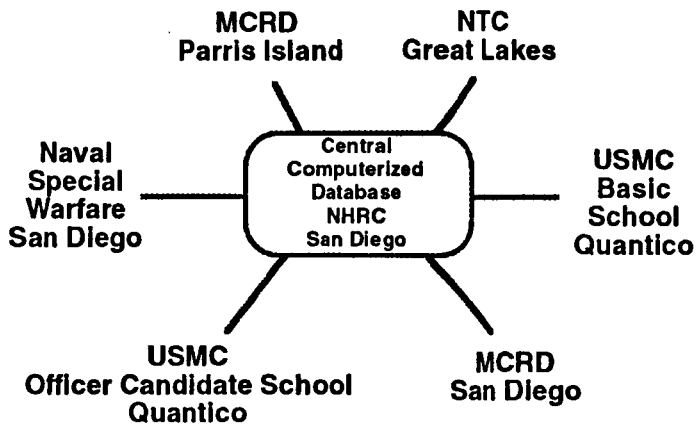
Applied Epidemiology

- Soft Tissue Injury
- HIV Central Registry and Surveillance
- Occupational Health Surveillance
- Gulf War Illness

Medical Policy/ Decision Support

DEPARTMENT OF THE NAVY
BUREAU OF MEDICINE AND SURGERY

Soft Tissue Injury



PROBLEM

- High rates of musculoskeletal injury resulting in:
  - substantial morbidity among military personnel
  - high fiscal cost of lost training

OBJECTIVES

- Describe ICD-9 specific rates of overuse injury
- Determine risk factors for injury and identify high risk participants
- Improve medical diagnostic, treatment, and rehabilitative procedures
- Test preventive interventions
- Reduce injuries

FINDINGS

- High Rates of Musculoskeletal (MS) Injuries:
  - 40% of male recruits at MCRD, SD
  - 60% of female Marine Officer Candidates
  - 50% of BUD/S trainees
- Impact at MCRD,SD:
  - $16 million lost to stress fractures annually
  - 53,000 lost training days to MS injury annually
- Primary Contributors to MS injury MCRD, SD:
  - poor pre-training fitness
  - rigorous training
  - footwear
- Interventions in Progress at MCRD, SD:
  - modification of basic training
  - footwear/equipment evaluation
  - maximize pre-conditioning platoon

PAYOFFS

- Baseline, research-quality database
- Injury classification
- Preventive/therapeutic interventions
- Reduction of training costs
- Reports: medical and operational

HIV Surveillance

Foreign Ports

PROBLEM

- HIV infection and AIDS are major infectious diseases that can impact on readiness and health care delivery.

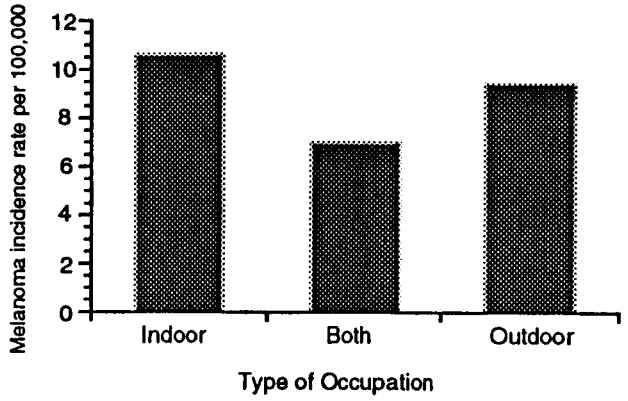
OBJECTIVE

- To develop a registry of all HIV tests.
- To monitor the HIV epidemic.
- To determine Navy-specific risk factors.

PAYOFF

- Information that can be used for assessment of the impact of HIV on Navy readiness.
- Information for developing effective prevention programs and assignment policies.
- Reduced spread of HIV infection.

Occupational Health Surveillance



PROBLEM

- Occupationally related disease and injury reduce Navy readiness and consume fiscal resources.

OBJECTIVE

- To monitor occupationally associated disease and injury in Navy and Marine Corps personnel.
- To determine risk factors for disease and injury.

PAYOFF

- Information regarding incidence and risk factors for medical decision support .
- Information for developing effective prevention programs.
- Reduced illness and injury.

Gulf War Illness

OBJECTIVE

Comprehensive epidemiological studies in collaboration with the Department of the VA, EPA, U.S. Army and Univ. of CA at San Diego

- 7 major studies involving military populations from 2,000 to 1.2 million
- Data regarding symptoms, hospitalizations, psychological profiles, birth defects collected and analyzed

PROBLEM

Military service in the Persian Gulf War is alleged to be associated with increased unexplained morbidity.

PAYOFF

Preliminary results:

- No difference in major birth defects among babies born to Gulf War veterans and era controls (1991-1992)
- No excess in hospitalizations for Cancer, Infectious Disease, Respiratory Disease or Disease of the Skin and Subcutaneous Tissue
- Greater number of self-reported symptoms among Gulf War veterans

Health Sciences & Epidemiology

Programs

Health Promotion Evaluation

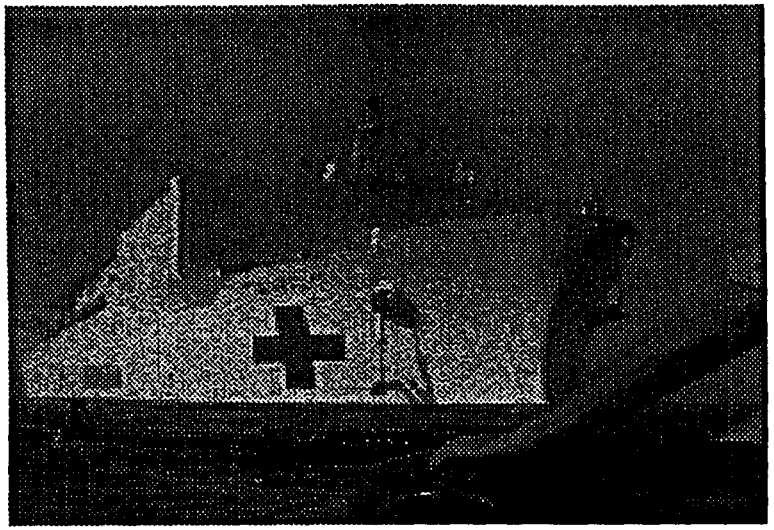
Applied Epidemiology

Medical Policy/ Decision Support

Projects

- Desert Storm Medical Policy Evaluation
- Adverse Reproductive Outcomes

Desert Storm Medical Policy Evaluation



PROBLEM

- Navy Medicine requires information to evaluate the Total Force Policy in the Gulf War.
- Large-scale recall may dramatically impact reservist retention.

OBJECTIVE

- Assess major issues associated with Operations Desert Shield/Storm by Navy medical personnel.
- Assess major issues associated with the recall process by Navy medical reservists.

PAYOFF

- Empirical support for improvement in:
  - leadership
  - logistics
  - administration
  - active-duty relations
- Developed reliable retention estimates which allayed concerns of accelerated attrition from the reserves.

Adverse Reproductive Outcomes

PROBLEM

Navy women may be at higher risk for adverse reproductive outcomes

OBJECTIVE

Determine the occurrence of adverse reproductive outcomes in enlisted Navy women 1982-1992

- maternal death
- late fetal death
- spontaneous abortion
- ectopic pregnancy

PAYOFF

- 33,413 pregnancy-related hospitalizations
- No maternal deaths
- Pregnancies distributed as follows:
  - 86% live births
  - .8% late fetal deaths (≥ 22 weeks)
  - 9.9% spontaneous abortions
  - 2.7% ectopic pregnancy
  - .6% other early fetal loss
- Lower paygrades had disproportionally higher rates of ectopic and spontaneous abortions
- Occupational ratings and types of duty (ship/shore) at time of conception had no impact on pregnancy outcome
- Expand database to include Marine Corps /Navy officers 1993
- Survey is under way to assess risk factors

Medical Information Systems & Operations Research

Programs

Operations Research

Projects

Medical Informatics

Medical Information Systems & Operations Research

Programs

Operations Research

Projects

- Disease Non-Battle Injury/ Battle Injury Projections
- Mishap Cost Reduction and NAVOSH Quality Assessment Model
- An Interactive Epidemiological System

Medical Informatics

Disease and Non-Battle Injury / Battle Injury Projections

PROBLEM

- Accurate estimates of DNBI and Battle Injury rates are needed for the total patient load projections used in medical planning modules.

OBJECTIVE

- Develop databases of DNBI and BI information.
- Compute DNBI and BI rates of incidence.
- Develop automated query system to project rates for various operational scenarios.

PAYOFF

- A model to predict DNBI and Battle Injury rates for populations identified by branch of service, geographic region, and level of combat.
- Developed the DNBI and casualty rates used for Navy medical resource and manpower planning.

Mishap Cost Reduction and NAVOSH Quality Assessment Model

PROBLEM

- A method is needed to contain the costs resulting from occupational illnesses and injuries.

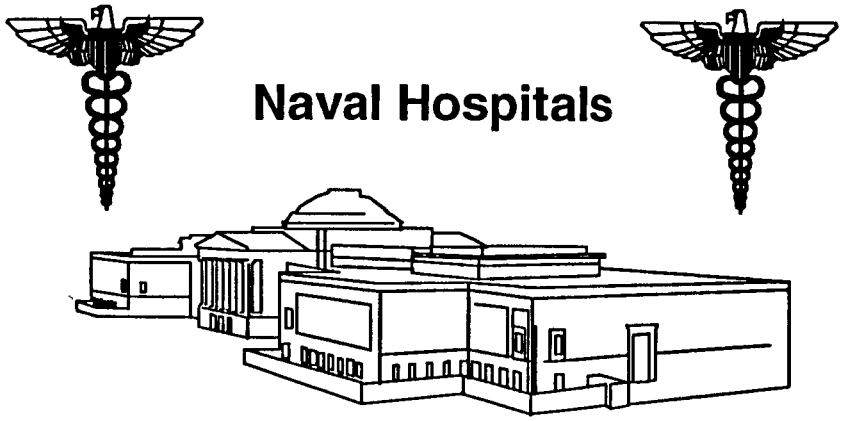
OBJECTIVE

- Develop a model for Occupational Safety and Health that will facilitate continuous process improvement leading to a reduction in work-related injuries and illnesses.
- Identify for facility managers, safety officers, and health personnel, intervention strategies designed to optimize work, health, and safety.

PAYOFF

- A model that allows the effect of interventions on health and safety outcomes at Navy industrial facilities to be predicted.

An Interactive Epidemiological System (EPISYS)



PROBLEM

- Methods are needed to allow the incidence of illnesses and injuries to be rapidly determined for Navy populations.

OBJECTIVE

- Detect medical events and evaluate trends.
- Project morbidity rates in Navy populations.
- Determine sampling requirements for epidemiological analyses.

PAYOFF

- EPISYS - An interactive system for detecting new trends for illness and injury in the Navy, determining the specific subpopulations affected, and assessing the magnitude of the difference between groups.

Medical Information Systems & Operations Research

Programs

Operations Research

Projects

Medical Informatics

- Improved Methods for Wartime Health Care Documentation
- Computer Assisted Medical Diagnosis
- Hazardous Material Life-Cycle Cost Model

Improved Methods of Documentation at Forward Medical Treatment Facilities

PROBLEM

- Manual documentation of medical data is time consuming and frequently lacks critical information

OBJECTIVE

- Develop automated documentation methods to ensure continuity of care at forward medical treatment facilities

PAYOFF

- Developed hand-held device (MEDTAG) to document echelon 1 data
  - structured prompting sequence with two-button data entry
  - intuitive data entry interface
  - automatic time/date stamp
  - backlit display
  - MARC card read/write capability
  - exceeds FMC data documentation requirements
  - more data gathered more accurately in less time
  - Patent Serial # 08/277,802 Navy Case 75,092
- Developed portable electronic tablet (MEDTAB) to document echelon 2 data
  - touchscreen data entry
  - context specific data entry forms
  - automatic patient tracking
  - automatically updated status boards
  - generates medical regulating reports
  - fewer patient tracking errors
  - reduced personnel requirements
  - interfaces with MEDTAG via MARC card

Computer Assisted Medical Diagnosis

PROBLEM

- Inaccurate diagnoses may lead to the evacuation of patients that are not seriously ill or to the failure to evacuate patients that need more definitive care.

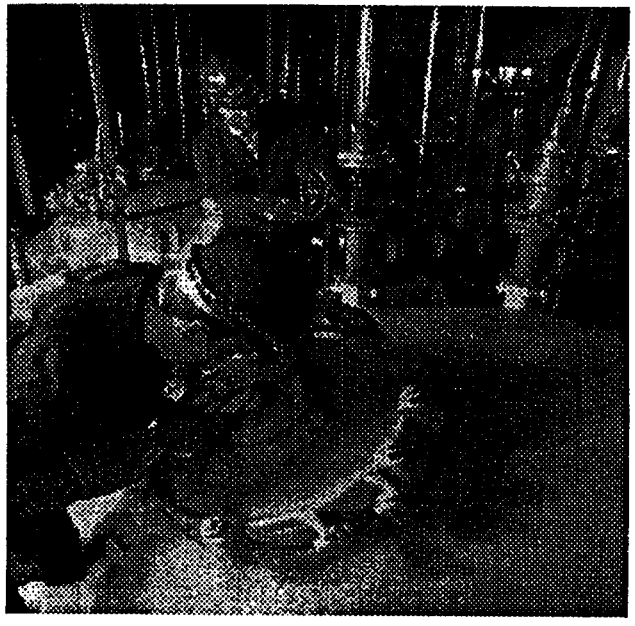
OBJECTIVE

- Develop a software shell to implement diverse medical treatment algorithms.
- Compare the performance of different types of diagnostic algorithms.

PAYOFF

- Developed diagnostic module that interfaces with the Shipboard Medical System (SAMS).

Hazardous Material Life-Cycle Cost Model



PROBLEM

- A method is needed to combine all the costs resulting from the need to protect workers' health and safety with procurement costs to determine the total cost of using a hazardous material in the workplace.

OBJECTIVE

- Identify and measure the factors contributing to the cost of using a hazardous material.
- Design and develop a system that will accumulate costs throughout the life-cycle of a hazardous material to yield a total cost.

PAYOFF

- A computer program that computes the life-cycle costs for a hazardous material.

Human Performance

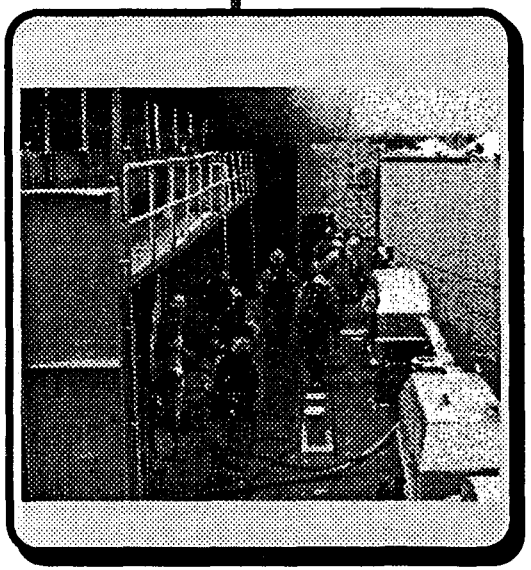
Programs

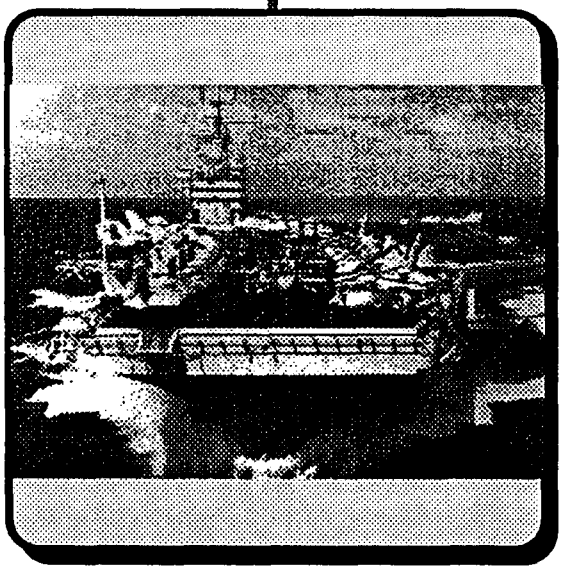
Applied Physiology

Continuous Operations

Special Operations

Projects





Human Performance

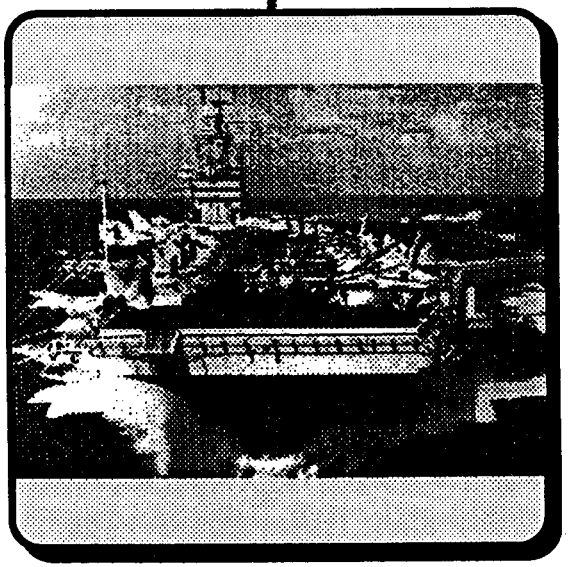
Programs

Applied Physiology

Projects

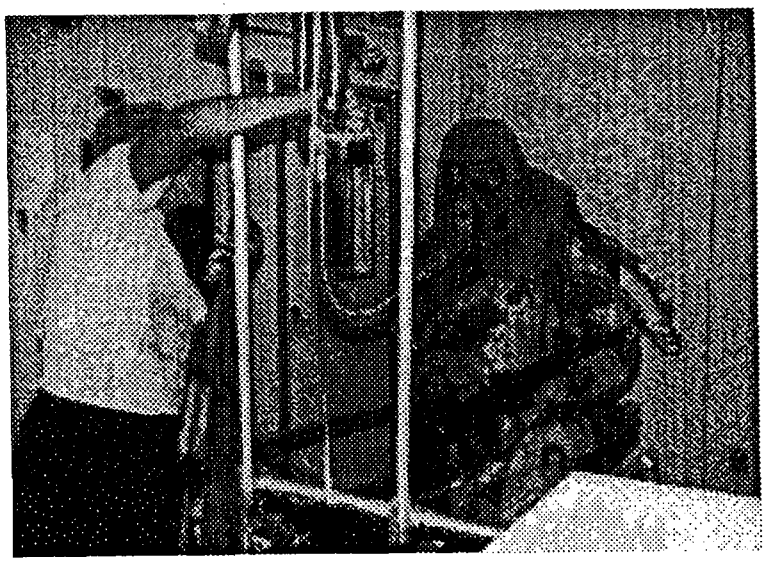
- Microclimate Cooling
- Head and Neck Strain in Combat Aviators
- Cold-related Combat Performance Decrements
- Occupational Physical Fitness Standards
- Damage Control Operations in Protective Overgarments

Continuous Operations



Special Operations

Microclimate Cooling



PROBLEM

- High heat thermal environments and use of protective overgarments (e.g., CBR-D) pose threat of heat illness.

OBJECTIVE

- Develop gender specific PHEL curves.
- Evaluate different CBR-D garments and heat strain countermeasures.
- Develop work/rest guidelines for CBR-D.

PAYOFF

- Increase stay time in machinery spaces.
- Prevent human performance degradation.
- Reduce incidence of heat illness and lost man-days.

Head and Neck Strain in Combat Aviators

PROBLEM

- Combat aviators are subjected to *G*-forces that can result in neck and back injury.
- Helmets and night vision equipment can increase the onset of muscle fatigue.

OBJECTIVE

- Quantify neck and back muscle fatigue/injury during *G*-maneuvers in combat aviators (males and females).
- Evaluate influence of various helmets for predisposing neck injury.
- Develop an effective strength training program to minimize neck and back fatigue.

PAYOFF

- Specific exercise countermeasures to reduce muscle injury.
- Reduce incidence of neck and back fatigue/injury.

Cold-related Combat Performance Decrements

PROBLEM

- Cold induced injuries and hypothermia degrade combat effectiveness.

OBJECTIVE

- Develop empirical models to predict human performance degradation in cold weather operations.

PAYOFF

- Exposure guidelines for flight deck personnel in cold weather.
- Better field rewarming devices.
- Fluid hydration guidelines for Marines in cold/high altitude environments.

Occupational Physical Fitness Standards

PROBLEM

- Current physical readiness standards are not related to performance of Navy jobs.
- Individuals who are not adequately physically fit may fail to perform critical tasks in times of combat.

OBJECTIVE

- Determine physical fitness requirements for Explosive Ordinance Disposal divers.
- Determine physical fitness requirements for emergency shipboard tasks.

PAYOFF

- Physical fitness standards for critical jobs.
- Enhanced shipboard survivability.

Damage Control Operations in Protective Overgarments

PROBLEM

- High incidence of heat strain and illness during simulated fire training aboard naval ships.

OBJECTIVE

- Determine cooling requirements for fire fighters.
- Evaluate different heat strain countermeasures.
- Develop work/rest guidelines for cbr-d and fire fighting ensembles.

PAYOFF

- Reduce incidence of heat illness during training and in live fire fighting.
- Increase stay time in fire compartment to put out fires.
- Increase cooling rate and reduce recovery time during fire hose team transition

Human Performance

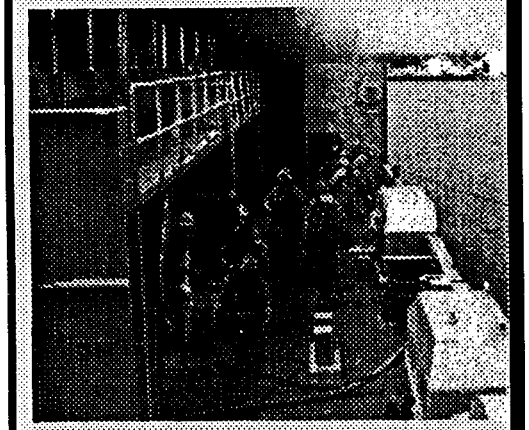
Programs

Applied Physiology

Continuous Operations

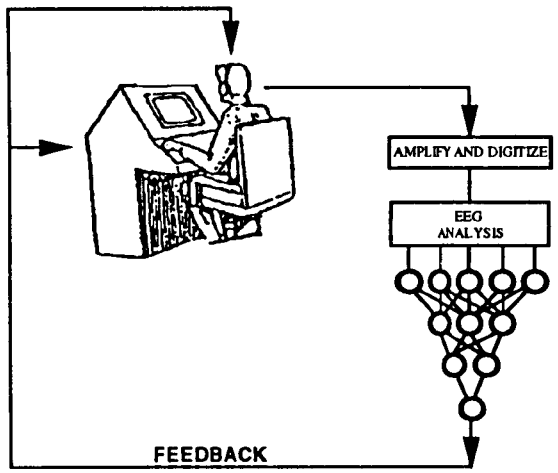
Special Operations

Projects



- Alertness Monitoring/ Management
- Circadian Rhythm Effects In Continuous Operations

Alertness Monitoring/Management



PROBLEM

- Man-machine system errors associated with operator:
  - Loss of alertness
  - Inattentiveness

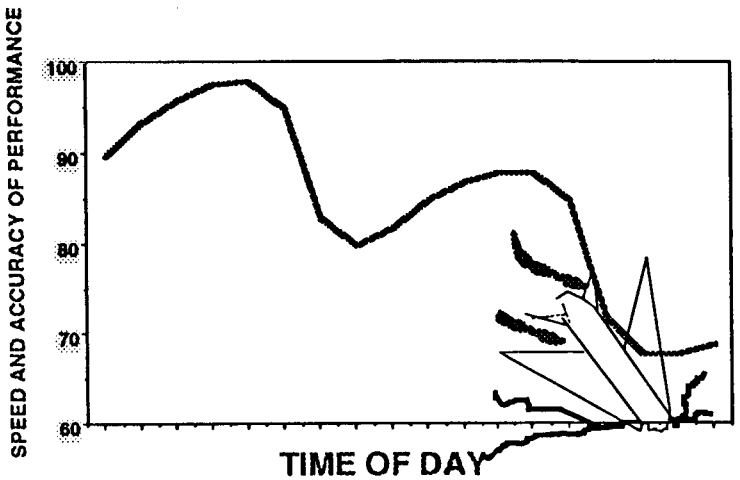
OBJECTIVE

- Refine methods of using EEG to monitor operators.
- Design feedback systems to reduce error rates.

PAYOFF

- Psychophysiological technologies for:
  - using feedback to reduce error rates
  - improving operator training
  - improving man-machine system designs

Circadian Rhythm Effects in Continuous Operations



PROBLEM

- Maintain operational effectiveness during nighttime/continuous military operations.

OBJECTIVE

- Intervention to minimize circadian rhythm/sleep loss effects on performance.

PAYOFF

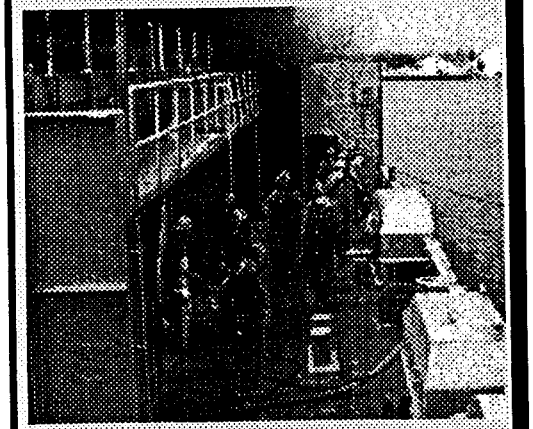
- Minimize performance degradation.
- Safe and effective pharmacological agents.
- Performance forecasting models.

Human Performance

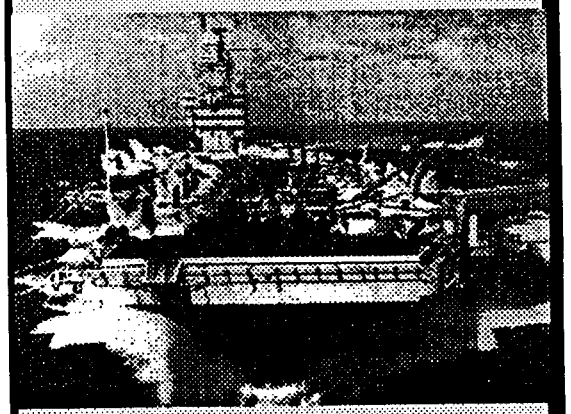
Programs

Applied Physiology

Projects



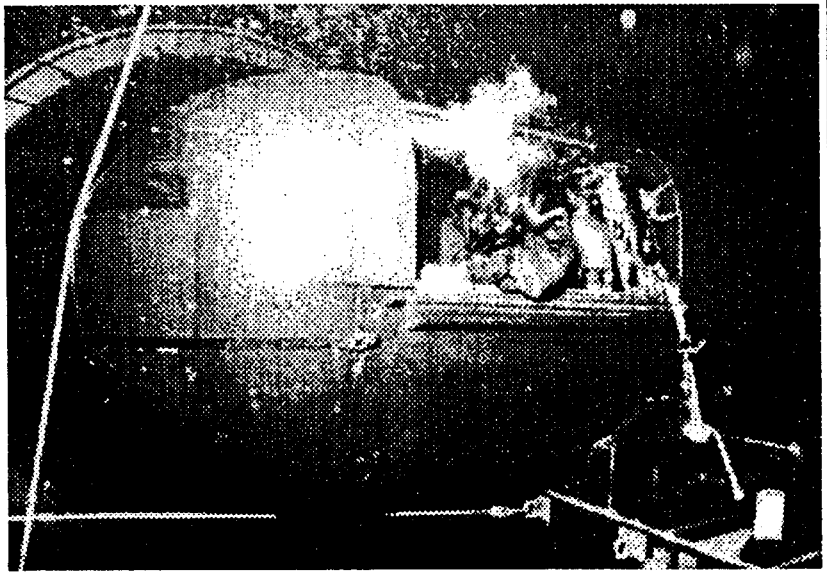
Continuous Operations



Special Operations

- SDV Operator Performance
- Enhancement Methodologies for Special Operations Personnel
- Enhanced Visual Acuity/PRK

SDV Operator Performance



PROBLEM

- Performance degradation during cold water missions is not quantified
- No formal operator proficiency and readiness standards

OBJECTIVE

- Identify problems areas and quantify performance decrements of SDV operators
- Develop performance enhancement strategies and guidelines

PAYOFF

- Enhanced mission planning for targets in cold waters
- Improved training and operator readiness
- Enhanced long-range strategic plans

Enhancement Methodologies for Special Operations Personnel

PROBLEM

- Performance decrements
- Need for effective biomedical countermeasures

OBJECTIVE

- Apply biomedical and exercise science techniques to Special Operations personnel

PAYOFF

- Biomedical and Psychological Screening of Trainees
  - reduced voluntary attrition
  - refined biomarkers to predict overuse injuries
- Modified Training Programs
  - decreased muscle damage and soreness (eccentric training)
  - decreased injuries
- Carbohydrate (CHO) Loading
  - increased endurance time by 10%
  - peak muscle glycogen persisted for > 3 days
- Glucose Polymer Beverages
  - increased CHO intake by 100%
  - increased muscle glycogen
- Compendium of Ergogenic Aids

Enhanced Visual Acuity /Photorefractive Keratectomy (PRK)

PROBLEM

- Decreased performance and safety of myopic personnel in operational environments
- Disqualification of highly trained specialists
- Indefinite patient care requirements and costs

OBJECTIVE

- Determine efficacy of PRK to improve vision and rifle firing accuracy of military personnel
- Document benefits and potential adverse side effects of PRK
- Reduced patient care requirements and costs

PAYOFF

- Uncorrected visual acuity of myopic personnel (20/200) becomes (20/20)
- Elimination of handicaps associated with corrective lenses in operational environments
- Retention of highly qualified personnel
- Reduced long term medical care and costs

HOW TO CONTACT NHRC

Address:	P.O. Box 85122 San Diego, CA 92186-5122
Telephone:	Com: (619) 553-8400 DSN: 553-8400
Fax:	(619) 553-9389
E-Mail:	DDN%"*name*@VAX309.NHRC.NAVY.MIL"
Msg PLAD:	NAVHLTHRSCHCEN SAN DIEGO CA

Document Separator

NHRC

THE DEPARTMENT OF DEFENSE IS RECOMMENDING THAT THE NAVAL HEALTH RESEARCH CENTER, NHRC, BE DISESTABLISHED AND APPROPRIATE FUNCTIONS BE RELOCATED TO THE BUREAU OF NAVAL PERSONNEL IN MEMPHIS, TENNESSEE.

THE PREVIOUSLY DISCUSSED CONCERNS OVER THE LOCATION OF THE NAVY PERSONNEL RESEARCH AND DEVELOPMENT CENTER AND ITS PROXIMITY TO FLEET UNITS WERE ALSO ATTENDANT TO THIS RECOMMENDATION. THE MOST COMPELLING CONCERNS OVER THIS RECOMMENDATION, HOWEVER, HAVE TO DO WITH THE SUITABILITY OF REALIGNING THIS BIOMEDICAL RESEARCH ORGANIZATION WITH A PERSONNEL MANAGEMENT COMMAND. THE DEPARTMENT CONTENDS THAT THE

NHRC

BUREAU OF NAVAL PERSONNEL IS THE PRIMARY USER OF NHRC'S PRODUCTS. BUT STAFF VISITS AND REVIEW INDICATE THAT NHRC'S MISSION IS CLEARLY THAT OF A MEDICAL RESEARCH LABORATORY, AND THE CENTER IS MOST APPROPRIATELY ALIGNED WITH A MEDICAL CHAIN OF COMMAND. NHRC'S WORK IN EPIDEMIOLOGY, SEXUALLY TRANSMITTED DESEASE PREVENTION, HIV SURVEILLANCE, THE GULF WAR ILLNESS, AND ADVERSE REPRODUCTIVE OUTCOMES RESEARCH SUPPORT THIS ALIGNMENT. ~~THIS VIEW WAS STRONGLY EXPRESSED BY THE DIRECTOR OF DEFENSE RESEARCH AND ENGINEERING, WHO CHAIRED THE ARMED SERVICES BIOMEDICAL RESEARCH EVALUATION AND MANAGEMENT COMMITTEE.~~

MORE

NHRC

LASTLY, IT IS LIKELY THAT THE SEVERANCE OF WELL-ESTABLISHED OPERATIONAL RESEARCH TIES IN THE SAN DIEGO AREA MAY ADVERSELY AFFECT NHRC'S ABILITY TO PERFORM ITS MISSION. ~~UNLIKE THE CASE OF THE NAVY PERSONNEL RESEARCH AND DEVELOPMENT CENTER, THIS AFFECT IS NOT OFFSET BY COLLOCATION WITH AN APPROPRIATE COMMAND AUTHORITY.~~

ARE THERE ANY QUESTIONS ON THIS RECOMMENDATION?

NEXT ALSO

ISSUES
Naval Health Research Center, San Diego, CA

ISSUE	DoD POSITION	COMMUNITY POSITION	R&A STAFF FINDINGS
Chain of Command/BUMED advocacy	BUPERS is primary user of NHRC products	Not addressed	NHRC performs BUMED research not BUPERS. If moved to Memphis as BUMED organization, ROI pushed back two years and NPV reduced by $ 6M
Armed Forces Medical Research and Development Agency (AFMRDA) proposal	Director of Defense Research and Engineering indicated NHRC would not be useful to AFMRDA if subsumed by BUPERS. Has concerns over operational and research linkages that would be severed in move to Memphis	NHRC should remain in San Diego to stand up as an Armed Forces Medical Research Unit	Loss of NHRC to AFMRDA is not critical, however, concerns over loss of research ties are valid
Proximity to Fleet	Increased TAD and travel accounted for in COBRA. East coast fleet/Marine personnel available and medical research sites mutually available to researchers and test subjects will be used	Close proximity to fleet concentration for research subjects is indispensable for NHRC mission	Proximity to research subjects is of concern, but east coast personnel could be used. Added costs may be understated
Geographic location	Mission to support fleet operations is not tied to a specific region. Memphis is central and supports east, west, and gulf coast field work	NHRC is only DoD medical research facility on west coast and must remain there	West coast location is immaterial in the accomplishment of NHRC's mission

ARMED FORCES MEDICAL RESEARCH AND DEVELOPMENT AGENCY

- Independent agency under Army sponsorship to consolidate DoD medical research
- Draft Joint Services Agreement signed by service medical authorities and under final service review
- Provisional AFMRDA to stand up in Oct 95 with full establishment in Oct 96
- NHRC to become an Armed Forces Research Unit to "retain customer linked R&D capabilities in Divisions of Health and Performance and Environmental Medicine"

NBU-51

Document Separator

NHRC

THE DEPARTMENT OF DEFENSE IS RECOMMENDING THAT THE NAVAL HEALTH RESEARCH CENTER, NHRC, BE DISESTABLISHED AND APPROPRIATE FUNCTIONS BE RELOCATED TO THE BUREAU OF NAVAL PERSONNEL IN MEMPHIS, TENNESSEE.

THE PREVIOUSLY DISCUSSED CONCERNS OVER THE LOCATION OF THE NAVY PERSONNEL RESEARCH AND DEVELOPMENT CENTER AND ITS PROXIMITY TO FLEET UNITS WERE ALSO ATTENDANT TO THIS RECOMMENDATION. THE MOST COMPELLING CONCERNS OVER THIS RECOMMENDATION, HOWEVER, HAVE TO DO WITH THE SUITABILITY OF REALIGNING THIS BIOMEDICAL RESEARCH ORGANIZATION WITH A PERSONNEL MANAGEMENT COMMAND. THE DEPARTMENT CONTENDS THAT THE

NHRC

BUREAU OF NAVAL PERSONNEL IS THE PRIMARY USER OF NHRC'S PRODUCTS. BUT STAFF VISITS AND REVIEW INDICATE THAT NHRC'S MISSION IS CLEARLY THAT OF A MEDICAL RESEARCH LABORATORY, AND THE CENTER IS MOST APPROPRIATELY ALIGNED WITH A MEDICAL CHAIN OF COMMAND. NHRC'S WORK IN EPIDEMIOLOGY, SEXUALLY TRANSMITTED DESEASE PREVENTION, HIV SURVEILLANCE, THE GULF WAR ILLNESS, AND ADVERSE REPRODUCTIVE OUTCOMES RESEARCH SUPPORT THIS ALIGNMENT. THIS VIEW WAS STRONGLY EXPRESSED BY THE DIRECTOR OF DEFENSE RESEARCH AND ENGINEERING, WHO CHAIRED THE ARMED SERVICES BIOMEDICAL RESEARCH EVALUATION AND MANAGEMENT COMMITTEE.

NHRC

AN ALTERNATIVE TO DISESTABLISHING NHRC WOULD BE TO MOVE THE CENTER TO MEMPHIS AS AN INTACT COMMAND UNDER THE BUREAU OF MEDICINE AND SURGERY. IF THIS WERE DONE, SOME PERSONNEL SAVINGS WOULD NOT BE REALIZED, RESULTING IN A DELAY OF A RETURN ON INVESTMENT OF TWO YEARS AND A REDUCTION IN THE NET PRESENT VALUE BY 3.6 MILLION.

ALSO MENTIONED ON THE SLIDE IS THE STANDING UP OF THE ARMED FORCES MEDICAL RESEARCH AND DEVELOPMENT AGENCY, OR AFMRDA, AND ITS PLAN TO USE NHRC AS A RESEARCH UNIT. NHRC IS CERTAINLY NOT CRITICAL TO THE MISSION OF AFMRDA. BUT, IF NHRC WAS SUBSUMED BY THE BUREAU OF NAVAL PERSONNEL, IT WOULD HAVE LITTLE UTILITY TO AFMRDA. THIS VIEW IS ALSO SUPPORTED BY THE DIRECTOR OF DEFENSE RESEARCH AND ENGINEERING.

NHRC

LASTLY, IT IS LIKELY THAT THE SEVERANCE OF WELL-ESTABLISHED OPERATIONAL RESEARCH TIES IN THE SAN DIEGO AREA MAY ADVERSELY AFFECT NHRC'S ABILITY TO PERFORM ITS MISSION. UNLIKE THE CASE OF THE NAVY PERSONNEL RESEARCH AND DEVELOPMENT CENTER, THIS AFFECT IS NOT OFFSET BY COLLOCATION WITH AN APPROPRIATE COMMAND AUTHORITY.

ARE THERE ANY QUESTIONS ON THIS RECOMMENDATION?

Naval Health Research Center, San Diego, CA

DOD RECOMMENDATION: Disestablish the Naval Health Research Center, San Diego, CA, and relocate necessary functions, personnel, and equipment to the Bureau of Naval Personnel at Memphis, TN.

CRITERIA	DOD RECOMMENDATION
MILITARY VALUE	3 of 8
FORCE STRUCTURE	No Impact
ONE-TIME COSTS ($ M)	6.2
ANNUAL SAVINGS ($ M)	1.4
RETURN ON INVESTMENT	2003 (Four years)
NET PRESENT VALUE	11.4
BASE OPERATING BUDGET ($ M)	2.4
PERSONNEL ELIMINATED (MIL / CIV) PERSONNEL REALIGNED (MIL / CIV)	5/10 12/57
ECONOMIC IMPACT (BRAC 95 / CUM)	<-.1/-1.2
ENVIRONMENTAL	No Impact

ISSUES
Naval Health Research Center, San Diego, CA

ISSUE	DoD POSITION	COMMUNITY POSITION	R&A STAFF FINDINGS
Chain of Command/BUMED advocacy	BUPERS is primary user of NHRC products	Not addressed	NHRC performs BUMED research not BUPERS. If moved to Memphis as BUMED organization, ROI pushed back two years and NPV reduced by $ 6M
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Proximity to Fleet	Increased TAD and travel accounted for in COBRA. East coast fleet/Marine personnel available and medical research sites mutually available to researchers and test subjects will be used	Close proximity to fleet concentration for research subjects is indispensable for NHRC mission	Proximity to research subjects is of concern, but east coast personnel could be used. Added costs may be understated
Geographic location	Mission to support fleet operations is not tied to a specific region. Memphis is central and supports east, west, and gulf coast field work	NHRC is only DoD medical research facility on west coast and must remain there	West coast location is immaterial in the accomplishment of NHRC's mission

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NBU-51

Document Separator

Data As Of 14:59 12/02/1994, Report Created 09:32 02/16/1995

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : P:\COBRA\DONE\NHRC.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Starting Year : 1996
Final Year : 1999
ROI Year : 2003 (4 Years)

NPV in 2015($K): -11,380
1-Time Cost($K): 6,153

Net Costs ($K) Constant Dollars

	1996	1997	1998	1999	2000	2001	Total	Beyond
MilCon	-352	0	3,643	0	0	0	3,291	0
Person	0	0	-244	-580	-848	-848	-2,519	-848
Overhd	214	161	64	46	-887	-887	-1,290	-887
Moving	0	0	86	1,294	0	0	1,381	0
Missio	0	0	0	382	382	382	1,146	382
Other	0	0	0	0	0	0	0	0
TOTAL	-138	161	3,549	1,142	-1,353	-1,353	2,009	-1,353

	1996	1997	1998	1999	2000	2001	Total
POSITIONS ELIMINATED							
Off	0	0	0	3	0	0	3
Enl	0	0	0	2	0	0	2
Civ	0	0	10	0	0	0	10
TOT	0	0	10	5	0	0	15
POSITIONS REALIGNED							
Off	0	0	0	7	0	0	7
Enl	0	0	0	5	0	0	5
Stu	0	0	0	0	0	0	0
Civ	0	0	0	57	0	0	57
TOT	0	0	0	69	0	0	69

Summary:

SCENARIO 074

Data As Of 14:59 12/02/1994, Report Created 09:32 02/16/1995

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : P:\COBRA\DONE\NHRC.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Costs ($K) Constant Dollars

	1996	1997	1998	1999	2000	2001	Total	Beyond
MilCon	328	0	3,643	0	0	0	3,971	0
Person	0	0	29	178	58	58	324	58
Overhd	214	161	127	252	112	112	978	112
Moving	0	0	86	1,305	0	0	1,392	0
Missio	0	0	0	427	427	427	1,281	427
Other	0	0	0	0	0	0	0	0
TOTAL	542	161	3,886	2,162	597	597	7,945	597

Savings ($K) Constant Dollars

	1996	1997	1998	1999	2000	2001	Total	Beyond
MilCon	680	0	0	0	0	0	680	0
Person	0	0	273	758	906	906	2,843	906
Overhd	0	0	63	206	999	999	2,267	999
Moving	0	0	0	11	0	0	11	0
Missio	0	0	0	45	45	45	135	45
Other	0	0	0	0	0	0	0	0
TOTAL	680	0	337	1,019	1,950	1,950	5,937	1,950

TOTAL ONE-TIME COST REPORT (COBRA v5.08) - Page 1/3
Data As Of 14:59 12/02/1994, Report Created 09:32 02/16/1995

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : P:\COBRA\DONE\NHRC.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

(All values in Dollars)

Category	Cost	Sub-Total
Construction		
Military Construction	3,971,000	
Family Housing Construction	0	
Information Management Account	0	
Land Purchases	0	
Total - Construction		3,971,000
Personnel		
Civilian RIF	85,323	
Civilian Early Retirement	34,457	
Civilian New-Hires	0	
Eliminated Military PCS	16,387	
Unemployment	12,528	
Total - Personnel		148,695
Overhead		
Program Planning Support	585,838	
Mothball / Shutdown	56,250	
Total - Overhead		642,088
Moving		
Civilian Moving	1,137,790	
Civilian PPS	86,400	
Military Moving	69,364	
Freight	98,258	
One-Time Moving Costs	0	
Total - Moving		1,391,812
Other		
HAP / RSE	0	
Environmental Mitigation Costs	0	
One-Time Unique Costs	0	
Total - Other		0
Total One-Time Costs		6,153,595
One-Time Savings		
Military Construction Cost Avoidances	680,000	
Family Housing Cost Avoidances	0	
Military Moving	10,829	
Land Sales	0	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	
Total One-Time Savings		690,829
Total Net One-Time Costs		5,462,766

ONE-TIME COST REPORT (COBRA v5.08) - Page 2/3
Data As Of 14:59 12/02/1994, Report Created 09:32 02/16/1995

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : P:\COBRA\DONE\NHRC.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NCCOSC NRAD SAN DGO, 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	85,323	
Civilian Early Retirement	34,457	
Civilian New Hires	0	
Eliminated Military PCS	16,387	
Unemployment	12,528	
Total - Personnel		148,695
Overhead		
Program Planning Support	585,838	
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Moving		
Civilian Moving	1,137,790	
Civilian PPS	86,400	
Military Moving	69,364	
Freight	98,258	
One-Time Moving Costs	0	
Total - Moving		1,391,812
Other		
HAP / RSE	0	
Environmental Mitigation Costs	0	
One-Time Unique Costs	0	
Total - Other		0
Total One-Time Costs		2,182,595
One-Time Savings		
Military Construction Cost Avoidances	680,000	
Family Housing Cost Avoidances	0	
Military Moving	10,829	
Land Sales	0	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	
Total One-Time Savings		690,829
Total Net One-Time Costs		1,491,766

Data As Of 14:59 12/02/1994, Report Created 09:32 02/16/1995

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : P:\COBRA\DONE\NHRC.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: BUPERS, MEMPHIS, TN
(All values in Dollars)

Category	Cost	Sub-Total
Construction		
Military Construction	3,971,000	
Family Housing Construction	0	
Information Management Account	0	
Land Purchases	0	
Total - Construction		3,971,000
Personnel		
Civilian RIF	0	
Civilian Early Retirement	0	
Civilian New Hires	0	
Eliminated Military PCS	0	
Unemployment	0	
Total - Personnel		0
Overhead		
Program Planning Support	0	
Mothball / Shutdown	0	
Total - Overhead		0
Moving		
Civilian Moving	0	
Civilian PPS	0	
Military Moving	0	
Freight	0	
One-Time Moving Costs	0	
Total - Moving		0
Other		
HAP / RSE	0	
Environmental Mitigation Costs	0	
One-Time Unique Costs	0	
Total - Other		0
Total One-Time Costs		3,971,000
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		3,971,000

TOTAL MILITARY CONSTRUCTION ASSETS (COBRA v5.08) - Page 1/3
Data As Of 14:59 12/02/1994, Report Created 09:32 02/16/1995

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : P:\COBRA\DONE\NHRC.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

All Costs in $K

Base Name	Total MilCon	IMA Cost	Land Purch	Cost Avoid	Total Cost
NCCOSC NRAD SAN DGO	0	0	0	-680	-680
BUPERS, MEMPHIS	3,971	0	0	0	3,971
Totals:	3,971	0	0	-680	3,291

Data As Of 14:59 12/02/1994, Report Created 09:32 02/16/1995

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : P:\COBRA\DONE\NHRC.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

MilCon for Base: NCCOSC NRAD SAN DGO, CA

All Costs in $K

Description:	MilCon Categ	Using Rehab	Rehab Cost*	New MilCon	New Cost*	Total Cost*

Total Construction Cost:	0
+ Info Management Account:	0
+ Land Purchases:	0
- Construction Cost Avoid:	680
TOTAL:	-680

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

MILITARY CONSTRUCTION ASSETS (COBRA v5.08) - Page 3/3
Data As Of 14:59 12/02/1994, Report Created 09:32 02/16/1995

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : P:\COBRA\DONE\NHRC.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

MilCon for Base: BUPERS, MEMPHIS, TN

All Costs in $K

Description:	MilCon Categ	Using Rehab	Rehab Cost*	New MilCon	New Cost*	Total Cost*
ADMINISTRATIVE	ADMIN	10,650	n/a	0	n/a	780
STORAGE FACILITIES	STORA	2,020	n/a	0	n/a	113
RDT&E FACILITIES	RDT&E	32,330	n/a	0	n/a	3,078

Total Construction Cost:	3,971
+ Info Management Account:	0
+ Land Purchases:	0
- Construction Cost Avoid:	0
TOTAL:	3,971

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

PERSONNEL SUMMARY REPORT (COBRA v5.08)
Data As Of 14:59 12/02/1994, Report Created 09:32 02/16/1995

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : P:\COBRA\DONE\NHRC.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

PERSONNEL SUMMARY FOR: NCCOSC NRAD SAN DGO, CA

BASE POPULATION (FY 1996):

Officers	Enlisted	Students	Civilians
10	7	0	68

FORCE STRUCTURE CHANGES:

	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	-1	0	0	0	0	0	-1
TOTAL	-1	0	0	0	0	0	-1

BASE POPULATION (Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
10	7	0	67

PERSONNEL REALIGNMENTS:
To Base: BUPERS, MEMPHIS, TN

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	0	7	0	0	7
Enlisted	0	0	0	5	0	0	5
Students	0	0	0	0	0	0	0
Civilians	0	0	0	57	0	0	57
TOTAL	0	0	0	69	0	0	69

TOTAL PERSONNEL REALIGNMENTS (Out of NCCOSC NRAD SAN DGO, CA):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	0	7	0	0	7
Enlisted	0	0	0	5	0	0	5
Students	0	0	0	0	0	0	0
Civilians	0	0	0	57	0	0	57
TOTAL	0	0	0	69	0	0	69

SCENARIO POSITION CHANGES:

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	0	-3	0	0	-3
Enlisted	0	0	0	-2	0	0	-2
Civilians	0	0	-10	0	0	0	-10
TOTAL	0	0	-10	-5	0	0	-15

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
0	0	0	0

PERSONNEL SUMMARY FOR: BUPERS, MEMPHIS, TN

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

Officers	Enlisted	Students	Civilians
807	3,504	0	1,358

PERSONNEL SUMMARY REPORT (COBRA v5.08) - Page 2
Data As Of 14:59 12/02/1994, Report Created 09:32 02/16/1995

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : P:\COBRA\DONE\NHRC.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

PERSONNEL REALIGNMENTS:
From Base: NCCOSC NRAD SAN DGO, CA

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	0	7	0	0	7
Enlisted	0	0	0	5	0	0	5
Students	0	0	0	0	0	0	0
Civilians	0	0	0	57	0	0	57
TOTAL	0	0	0	69	0	0	69

TOTAL PERSONNEL REALIGNMENTS (Into BUPERS, MEMPHIS, TN):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	0	7	0	0	7
Enlisted	0	0	0	5	0	0	5
Students	0	0	0	0	0	0	0
Civilians	0	0	0	57	0	0	57
TOTAL	0	0	0	69	0	0	69

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
814	3,509	0	1,415

TOTAL PERSONNEL IMPACT REPORT (COBRA v5.08) - Page 1/3
Data As Of 14:59 12/02/1994, Report Created 09:32 02/16/1995

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : P:\COBRA\DONE\NHRC.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

	Rate	1996	1997	1998	1999	2000	2001	Total
CIVILIAN POSITIONS REALIGNING OUT		0	0	0	57	0	0	57
Early Retirement*	10.00%	0	0	0	6	0	0	6
Regular Retirement*	5.00%	0	0	0	3	0	0	3
Civilian Turnover*	15.00%	0	0	0	9	0	0	9
Civs Not Moving (RIFs)*+		0	0	0	3	0	0	3
Civilians Moving (the remainder)		0	0	0	36	0	0	36
Civilian Positions Available		0	0	0	21	0	0	21
CIVILIAN POSITIONS ELIMINATED		0	0	10	0	0	0	10
Early Retirement	10.00%	0	0	1	0	0	0	1
Regular Retirement	5.00%	0	0	1	0	0	0	1
Civilian Turnover	15.00%	0	0	2	0	0	0	2
Civs Not Moving (RIFs)*+		0	0	1	0	0	0	1
Priority Placement#	60.00%	0	0	5	0	0	0	5
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	57	0	0	57
Civilians Moving		0	0	0	36	0	0	36
New Civilians Hired		0	0	0	21	0	0	21
Other Civilian Additions		0	0	0	0	0	0	0
TOTAL CIVILIAN EARLY RETIRMENTS		0	0	1	6	0	0	7
TOTAL CIVILIAN RIFS		0	0	1	3	0	0	4
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	0	5	0	0	0	5
TOTAL CIVILIAN NEW HIRES		0	0	0	21	0	0	21

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

+ The Percentage of Civilians Not Willing to Move (Voluntary RIFs) varies from base to base.

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

Data As Of 14:59 12/02/1994, Report Created 09:32 02/16/1995

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : P:\COBRA\DONE\NHRC.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NCCOSC NRAD SAN DGO, CA	Rate	1996	1997	1998	1999	2000	2001	Total
CIVILIAN POSITIONS REALIGNING OUT		0	0	0	57	0	0	57
Early Retirement*	10.00%	0	0	0	6	0	0	6
Regular Retirement*	5.00%	0	0	0	3	0	0	3
Civilian Turnover*	15.00%	0	0	0	9	0	0	9
Civs Not Moving (RIFs)*	6.00%	0	0	0	3	0	0	3
Civilians Moving (the remainder)		0	0	0	36	0	0	36
Civilian Positions Available		0	0	0	21	0	0	21
CIVILIAN POSITIONS ELIMINATED		0	0	10	0	0	0	10
Early Retirement	10.00%	0	0	1	0	0	0	1
Regular Retirement	5.00%	0	0	1	0	0	0	1
Civilian Turnover	15.00%	0	0	2	0	0	0	2
Civs Not Moving (RIFs)*	6.00%	0	0	1	0	0	0	1
Priority Placement#	60.00%	0	0	5	0	0	0	5
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	1	6	0	0	7
TOTAL CIVILIAN RIFS		0	0	1	3	0	0	4
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	0	5	0	0	0	5
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%

PERSONNEL IMPACT REPORT (COBRA v5.08) - Page 3/3
Data As Of 14:59 12/02/1994, Report Created 09:32 02/16/1995

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : P:\COBRA\DONE\NHRC.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: BUPERS, MEMPHIS, TN	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	57	0	0	57
Civilians Moving		0	0	0	36	0	0	36
New Civilians Hired		0	0	0	21	0	0	21
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	21	0	0	21

* 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 1/9
Data As Of 14:59 12/02/1994, Report Created 09:33 02/16/1995

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : P:\COBRA\DONE\NHRC.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

ONE-TIME COSTS -----($K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	328	0	3,643	0	0	0	3,971
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	0	21	64	0	0	85
Civ Retire	0	0	5	29	0	0	34
CIV MOVING							
Per Diem	0	0	0	110	0	0	110
POV Miles	0	0	0	12	0	0	12
Home Purch	0	0	0	426	0	0	426
HHG	0	0	0	267	0	0	267
Misc	0	0	0	25	0	0	25
House Hunt	0	0	0	106	0	0	106
PPS	0	0	86	0	0	0	86
RITA	0	0	0	190	0	0	190
FREIGHT							
Packing	0	0	0	12	0	0	12
Freight	0	0	0	84	0	0	84
Vehicles	0	0	0	0	0	0	0
Driving	0	0	0	2	0	0	2
Unemployment	0	0	3	9	0	0	12
OTHER							
Program Plan	214	161	120	90	0	0	586
Shutdown	0	0	7	49	0	0	56
New Hire	0	0	0	0	0	0	0
1-Time Move	0	0	0	0	0	0	0
MIL PERSONNEL							
MIL MOVING							
Per Diem	0	0	0	5	0	0	5
POV Miles	0	0	0	4	0	0	4
HHG	0	0	0	52	0	0	52
Misc	0	0	0	8	0	0	8
OTHER							
Elim PCS	0	0	0	16	0	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
TOTAL ONE-TIME	542	161	3,886	1,565	0	0	6,153

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : P:\COBRA\DONE\NHRC.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

RECURRINGCOSTS -----($K)-----	1996	1997	1998	1999	2000	2001	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	0	0	0	0	0	0	0
BOS	0	0	0	112	112	112	335	112
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	58	58	58	175	58
OTHER								
Mission	0	0	0	427	427	427	1,281	427
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	597	597	597	1,792	597
TOTAL COST	542	161	3,886	2,162	597	597	7,945	597

ONE-TIME SAVES -----($K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	680	0	0	0	0	0	680
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	11	0	0	11
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	680	0	0	11	0	0	691

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	13	130	243	243	629	243
BOS	0	0	50	76	756	756	1,638	756
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	0	273	547	547	547	1,914	547
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Off Salary	0	0	0	115	230	230	576	230
Enl Salary	0	0	0	33	66	66	166	66
House Allow	0	0	0	62	62	62	187	62
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	0	45	45	45	135	45
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	337	1,009	1,950	1,950	5,246	1,950
TOTAL SAVINGS	680	0	337	1,019	1,950	1,950	5,937	1,950

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : P:\COBRA\DONE\NHRC.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

ONE-TIME NET -----($K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	-352	0	3,643	0	0	0	3,291
Fam Housing	0	0	0	0	0	0	0
O&M							
Civ Retir/RIF	0	0	26	93	0	0	120
Civ Moving	0	0	86	1,236	0	0	1,322
Other	214	161	130	149	0	0	655
MIL PERSONNEL							
Mil Moving	0	0	0	75	0	0	75
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	-138	161	3,886	1,554	0	0	5,463

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	-13	-130	-243	-243	-629	-243
BOS	0	0	-50	36	-644	-644	-1,303	-644
Unique Operat	0	0	0	0	0	0	0	0
Caretaker	0	0	0	0	0	0	0	0
Civ Salary	0	0	-273	-547	-547	-547	-1,914	-547
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Salary	0	0	0	-148	-297	-297	-742	-297
House Allow	0	0	0	-4	-4	-4	-12	-4
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	0	382	382	382	1,146	382
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	-337	-411	-1,353	-1,353	-3,454	-1,353
TOTAL NET COST	-138	161	3,549	1,142	-1,353	-1,353	2,009	-1,353

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : P:\COBRA\DONE\NHRC.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NCCOSC NRAD SAN DGO, 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	21	64	0	0	85
Civ Retire	0	0	5	29	0	0	34
CIV MOVING							
Per Diem	0	0	0	110	0	0	110
POV Miles	0	0	0	12	0	0	12
Home Purch	0	0	0	426	0	0	426
HHG	0	0	0	267	0	0	267
Misc	0	0	0	25	0	0	25
House Hunt	0	0	0	106	0	0	106
PPS	0	0	86	0	0	0	86
RITA	0	0	0	190	0	0	190
FREIGHT							
Packing	0	0	0	12	0	0	12
Freight	0	0	0	84	0	0	84
Vehicles	0	0	0	0	0	0	0
Driving	0	0	0	2	0	0	2
Unemployment	0	0	3	9	0	0	12
OTHER							
Program Plan	214	161	120	90	0	0	586
Shutdown	0	0	7	49	0	0	56
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	5	0	0	5
POV Miles	0	0	0	4	0	0	4
HHG	0	0	0	52	0	0	52
Misc	0	0	0	8	0	0	8
OTHER							
Elim PCS	0	0	0	16	0	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
TOTAL ONE-TIME	214	161	243	1,565	0	0	2,182

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : P:\COBRA\DONE\NHRC.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NCCOSC NRAD SAN DGO, 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	427	427	427	1,281	427
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	427	427	427	1,281	427
TOTAL COSTS	214	161	243	1,992	427	427	3,463	427

ONE-TIME SAVES -----($K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	680	0	0	0	0	0	680
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	11	0	0	11
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	680	0	0	11	0	0	691

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	13	130	243	243	629	243
BOS	0	0	50	76	756	756	1,638	756
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	0	273	547	547	547	1,914	547
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Off Salary	0	0	0	115	230	230	576	230
Enl Salary	0	0	0	33	66	66	166	66
House Allow	0	0	0	62	62	62	187	62
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	0	45	45	45	135	45
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	337	1,009	1,950	1,950	5,246	1,950
TOTAL SAVINGS	680	0	337	1,019	1,950	1,950	5,937	1,950

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : P:\COBRA\DONE\NHRC.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NCCOSC NRAD SAN DGO, CA

ONE-TIME NET -----($K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	-680	0	0	0	0	0	-680
Fam Housing	0	0	0	0	0	0	0
O&M							
Civ Retir/RIF	0	0	26	93	0	0	120
Civ Moving	0	0	86	1,236	0	0	1,322
Other	214	161	130	149	0	0	655
MIL PERSONNEL							
Mil Moving	0	0	0	75	0	0	75
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	-466	161	243	1,554	0	0	972

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	-13	-130	-243	-243	-629	-243
BOS	0	0	-50	-76	-756	-756	-1,638	-756
Unique Operat	0	0	0	0	0	0	0	0
Caretaker	0	0	0	0	0	0	0	0
Civ Salary	0	0	-273	-547	-547	-547	-1,914	-547
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Salary	0	0	0	-148	-297	-297	-742	-297
House Allow	0	0	0	-62	-62	-62	-187	-62
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	0	382	382	382	1,146	382
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	-337	-582	-1,523	-1,523	-3,965	-1,523
TOTAL NET COST	-466	161	-94	972	-1,523	-1,523	-2,473	-1,523

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : P:\COBRA\DONE\NHRC.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: BUPERS, MEMPHIS, TN

ONE-TIME COSTS -----($K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	328	0	3,643	0	0	0	3,971
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	328	0	3,643	0	0	0	3,971

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : P:\COBRA\DONE\NHRC.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: BUPERS, MEMPHIS, TN

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	112	112	112	335	112
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	58	58	58	175	58
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	112	112	112	511	170
TOTAL COSTS	328	0	3,643	170	170	170	4,482	170

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 : NHRC SAN DIEGO, CA
Scenario File : P:\COBRA\DONE\NHRC.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: BUPERS, MEMPHIS, TN

ONE-TIME NET -----($K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	328	0	3,643	0	0	0	3,971
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	328	0	3,643	0	0	0	3,971

RECURRING NET -----($K)-----	1996	1997	1998	1999	2000	2001	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	0	0	0	0	0	0	0
BOS	0	0	0	112	112	112	335	112
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	58	58	58	175	58
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	170	170	170	511	170
TOTAL NET COST	328	0	3,643	170	170	170	4,482	170

INPUT DATA REPORT (COBRA v5.08)
Data As Of 14:59 12/02/1994, Report Created 09:32 02/16/1995

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : P:\COBRA\DONE\NHRC.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:
NCCOSC NRAD SAN DGO, CA	Closes in FY 1999
BUPERS, MEMPHIS, TN	Realignment

Summary:

SCENARIO 074

INPUT SCREEN TWO - DISTANCE TABLE

From Base:	To Base:	Distance:
NCCOSC NRAD SAN DGO, CA	BUPERS, MEMPHIS, TN	1,797 mi

INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from NCCOSC NRAD SAN DGO, CA to BUPERS, MEMPHIS, TN

	1996	1997	1998	1999	2000	2001
Officer Positions:	0	0	0	7	0	0
Enlisted Positions:	0	0	0	5	0	0
Civilian Positions:	0	0	0	57	0	0
Student Positions:	0	0	0	0	0	0
Missn Eqpt (tons):	0	0	0	115	0	0
Suppt Eqpt (tons):	0	0	0	85	0	0
Military Light Vehicles:	0	0	0	4	0	0
Heavy/Special Vehicles:	0	0	0	0	0	0

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: NCCOSC NRAD SAN DGO, CA

Total Officer Employees:	10	RPMA Non-Payroll ($K/Year):	243
Total Enlisted Employees:	7	Communications ($K/Year):	0
Total Student Employees:	0	BOS Non-Payroll ($K/Year):	765
Total Civilian Employees:	68	BOS Payroll ($K/Year):	1,403
Mil Families Living On Base:	19.1%	Family Housing ($K/Year):	0
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	1.16
Officer Housing Units Avail:	0	CHAMPUS In-Pat ($/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat ($/Visit):	0
Total Base Facilities(KSF):	45	CHAMPUS Shift to Medicare:	0.0%
Officer VHA ($/Month):	353	Activity Code:	66001
Enlisted VHA ($/Month):	224		
Per Diem Rate ($/Day):	116	Homeowner Assistance Program:	No
Freight Cost ($/Ton/Mile):	0.07	Unique Activity Information:	No

Data As Of 14:59 12/02/1994, Report Created 09:32 02/16/1995

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : P:\COBRA\DONE\NHRC.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: BUPERS, MEMPHIS, TN

Total Officer Employees:	807	RPMA Non-Payroll ($K/Year):	840
Total Enlisted Employees:	3,504	Communications ($K/Year):	0
Total Student Employees:	0	BOS Non-Payroll ($K/Year):	17,064
Total Civilian Employees:	1,358	BOS Payroll ($K/Year):	21,751
Mil Families Living On Base:	35.0%	Family Housing ($K/Year):	184
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	0.91
Officer Housing Units Avail:	0	CHAMPUS In-Pat ($/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat ($/Visit):	0
Total Base Facilities(KSF):	129	CHAMPUS Shift to Medicare:	0.0%
Officer VHA ($/Month):	34	Activity Code:	00022
Enlisted VHA ($/Month):	28		
Per Diem Rate ($/Day):	87	Homeowner Assistance Program:	No
Freight Cost ($/Ton/Mile):	0.07	Unique Activity Information:	No

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: NCCOSC NRAD SAN DGO, 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	427	427	427
Activ Mission Save ($K):	0	0	0	45	45	45
Misc Recurring Cost($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($K):	680	0	0	0	0	0
Fam Housing Avoidnc($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):	45	Perc Family Housing ShutDown:				0.0%

Name: BUPERS, MEMPHIS, TN

	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%

Data As Of 14:59 12/02/1994, Report Created 09:32 02/16/1995

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
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INPUT SCREEN SIX - BASE PERSONNEL INFORMATION

Name: NCCOSC NRAD SAN DGO, CA

	1996	1997	1998	1999	2000	2001
Off Force Struc Change:	0	0	0	0	0	0
Enl Force Struc Change:	0	0	0	0	0	0
Civ Force Struc Change:	-1	0	0	0	0	0
Stu Force Struc Change:	0	0	0	0	0	0
Off Scenario Change:	0	0	0	-3	0	0
Enl Scenario Change:	0	0	0	-2	0	0
Civ Scenario Change:	0	0	-10	0	0	0
Off Change(No Sal Save):	0	0	0	0	0	0
Enl Change(No Sal Save):	0	0	0	0	0	0
Civ Change(No Sal Save):	0	0	0	0	0	0
Caretakers - Military:	0	0	0	0	0	0
Caretakers - Civilian:	0	0	0	0	0	0

INPUT SCREEN SEVEN - BASE MILITARY CONSTRUCTION INFORMATION

Name: BUPERS, MEMPHIS, TN

Description	Categ	New MilCon	Rehab MilCon	Total Cost($K)
ADMINISTRATIVE	ADMIN	0	10,650	780
STORAGE FACILITIES	STORA	0	2,020	113
RDT&E FACILITIES	RDT&E	0	32,330	3,078

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 14:59 12/02/1994, Report Created 09:32 02/16/1995

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : P:\COBRA\DONE\NHRC.CBR
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STANDARD FACTORS SCREEN THREE - TRANSPORTATION

Material/Assigned Person(Lb):	710	Equip Pack & Crate($/Ton):	284.00
HHG Per Off Family (Lb):	14,500.00	Mil Light Vehicle($/Mile):	0.31
HHG Per Enl Family (Lb):	9,000.00	Heavy/Spec Vehicle($/Mile):	3.38
HHG Per Mil Single (Lb):	6,400.00	POV Reimbursement($/Mile):	0.18
HHG Per Civilian (Lb):	18,000.00	Avg Mil Tour Length (Years):	4.17
Total HHG Cost ($/100Lb):	35.00	Routine PCS($/Pers/Tour):	3,763.00
Air Transport ($/Pass Mile):	0.20	One-Time Off PCS Cost($):	4,527.00
Misc Exp ($/Direct Employ):	700.00	One-Time Enl PCS Cost($):	1,403.00

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

DEFENSE BASE CLOSURE AND REALIGNMENT COMMISSION

SUMMARY SHEET

NAVAL HEALTH RESEARCH CENTER, SAN DIEGO, CALIFORNIA

INSTALLATION MISSION

To provide medical operations research for use in such areas as predicting medical requirements for theater-specific operations, disease and injury prevention, medical and performance modeling, biomedical aids and countermeasures, health promotion, readiness standards, and medical effects of sustained operations.

DOD RECOMMENDATION

- Disestablish the Naval Health Research Center, San Diego, (NHRC) and relocate necessary functions, personnel, and equipment to the Bureau of Naval Personnel at Memphis, Tennessee.

DOD JUSTIFICATION

- NHRC maintains databases in a number of personnel health and performance areas.
- Moving this mission to Memphis permits consolidation with the Department of the Navy's principal organization responsible for military personnel and the primary user of the NHRC's products.

COST CONSIDERATIONS DEVELOPED BY DOD

- One-Time Cost: $6.2 million
- Net Costs and Savings During Implementation: $2 million
- Annual Recurring Savings: $1.4 million
- Break-Even Year: 4 years
- Net Present Value Over 20 Years: $11.4 million

MANPOWER IMPLICATIONS OF THIS RECOMMENDATION (EXCLUDES CONTRACTORS)

	Military	Civilian	Students
Baseline	17	67	0
Reductions	5	10	0
Realignments	12	57	0
Total	17	67	0

MANPOWER IMPLICATIONS OF ALL RECOMMENDATIONS AFFECTING THIS INSTALLATION (INCLUDES ON-BASE CONTRACTORS AND STUDENTS)

Out		In		Net Gain (Loss)	
Military	Civilian	Military	Civilian	Military	Civilian
17	137	0	0	(17)	(137)

ENVIRONMENTAL CONSIDERATIONS

- The disestablishment of NHRC San Diego will have a positive impact on the environment in that this activity will be leaving an area that is in moderate nonattainment for CO.
- There is no adverse impact on threatened/endangered species, sensitive habitats and wetlands, or cultural/historical resources occasioned by this recommendation.

REPRESENTATION

Governor:	Pete Wilson
Senators:	Barbara Boxer
	Dianne Feinstein
Representative:	James H. Bilbray

MILITARY ISSUES

- The Armed Forces Medical Research and Development Agency (AFRDA) conducted a review that recommended NHRC be realigned as a joint facility and recommissioned as an Armed Forces Research Unit. This review is currently only in draft form. The DOD recommendation is at variance with this recommendation, however, the Labratory Joint Cross-Service Group was aware of this review and has chosen not to revisit the recommendation.

ECONOMIC IMPACT

- Potential Employment Loss: 423 jobs (154 direct and 269 indirect)
- San Diego, CA MSA Job Base: 1,416,215 jobs
- Percentage: >.1 percent decrease
- Cumulative Economic Impact (1994-2001): 1.2 percent decrease

COMMUNITY CONCERNS/ISSUES

- In a letter of 31 March, 1995, Congressman Bilbray expressed concern over the military issue discussed above.

ITEMS OF SPECIAL EMPHASIS

- An issue may arise regarding the relocation of unique research equipment from San Diego to Memphis. Specifically, the relocation of a water flume is not funded. The importance of this facility to NHRC's mission will be addressed during a staff-only visit.

Jeff Mulliner/Navy/04/18/95 2:36 PM

1995 DoD Recommendations and Justifications

Naval Health Research Center, San Diego, California

Recommendation: Disestablish the Naval Health Research Center (NHRC), San Diego, California, and relocate necessary functions, personnel and equipment to the Bureau of Naval Personnel (BUPERS) at Memphis, Tennessee.

Justification: There is an overall reduction in operational forces and a sharp decline of the DON budget through FY 2001. Specific reductions for technical centers are difficult to determine, because these activities are supported through customer orders. However, the level of forces and the budget are reliable indicators of sharp declines in technical center workload through FY 2001, which leads to a recognition of excess capacity in these activities. This excess and the imbalance in force and resource levels dictate closure/realignment or consolidation of activities wherever practicable. This activity performs research and modelling and maintains databases in a number of personnel health and performance areas, and its consolidation with the Bureau of Naval Personnel not only reduces excess capacity but also aligns this activity with the DON's principal organization responsible for military personnel and the primary user of its products. The resulting synergy enhances the discharge of this responsibility while achieving necessary economies.

Return on Investment: The total estimated one-time cost to implement this recommendation is $6.2 million. The net of all costs and savings during the implementation period is a cost of $2 million. Annual recurring savings after implementation are
$1.4 million with a return on investment expected in four years. The net present value of the costs and savings over 20 years is a savings of $11.4 million.

Impacts:

Economic Impact on Communities: Assuming no economic recovery, this recommendation could result in a maximum potential reduction of 423 jobs (154 direct jobs and 269 indirect jobs) over the 1996-to-2001 period in the San Diego, California MSA economic area, which is less than 0.1 percent of economic area employment. The cumulative economic impact of all BRAC 95 recommendations and all prior-round BRAC actions in the economic area over the 1994-to-2001 period could result in a maximum potential increase equal to 1.2 percent of employment in the economic area.

Community Infrastructure Impact: There is no known community infrastructure impact at any receiving installation.

Environmental Impact: The disestablishment of NHRC San Diego will have a positive impact on the environment in that this activity will be leaving an area that is in moderate non-attainment for carbon monoxide. The additional personnel being relocated to BUPERS Memphis represent a net decrease in personnel by FY 2001, and, accordingly, will not impact the environment at the receiving site, although a conformity determination may be required to assess this impact. There is adequate capacity in the utility infrastructure at the receiving site to handle

these relocating personnel. There is no adverse impact on threatened/endangered species, sensitive habitats and wetlands, or cultural/historical resources occasioned by this recommendation.

REGIONAL HEARING ISSUE SUMMARY

NAVAL HEALTH RESEARCH CENTER (NHRC), SAN DIEGO, CA

SAN FRANCISCO, CA/APRIL 28, 1995

- NHRC is not a headquarters, administrative organization; it is field operation which works directly with military personnel in an operating environment.

- NHRC has been identified as part of a soon to be formed joint armed forces organization, Armed Forces Medical Research and Development Agency (AFMRDA).

- NHRC's work relates closely to the mission of Navy Bureau of Medicine (of which NHRC is a part); its work does not relate to the mission of Navy Bureau of Personnel.

- Having Navy and Marine Corps operating forces in such close proximity makes San Diego an ideal location for NHRC to perform its mission. Memphis does not provide these opportunities.

- NHRC has developed close working relations with universities and medical organizations in the San Diego that would be very difficult to replace in the Memphis area.

Alex Yellin/Navy/05/21/95 3:52 PM

DRAFT

DEFENSE BASE CLOSURE AND REALIGNMENT COMMISSION

SUMMARY SHEET

NAVAL HEALTH RESEARCH CENTER, SAN DIEGO, CA

INSTALLATION MISSION

To provide medical operations research for use in such areas as predicting medical requirements for theater-specific operations, disease and injury prevention, medical and performance modeling, biomedical aids and countermeasures, health promotion, readiness standards, and medical effects of sustained operations.

DOD RECOMMENDATION

- Disestablish the Naval Health Research Center, San Diego, (NHRC) and relocate necessary functions, personnel, and equipment to the Bureau of Naval Personnel at Memphis, Tennessee.

DOD JUSTIFICATION

- NHRC maintains databases in a number of personnel health and performance areas.
- Moving this mission to Memphis permits consolidation with the Department of the Navy's principal organization responsible for military personnel and the primary user of the NHRC's products.

SIGNIFICANT ISSUES

1. The DoD recommendation states consolidation of NHRC with the Bureau of Naval Pers (BUPERS) would align NHRC with the primary user of its products. Concern exists over statement; NHRC's work is overwhelmingly medical in nature and is performed under t claimancy of the Bureau of Medicine (BUMED), not BUPERS.

- Staff Comment - DoD's recommendation is consistent with reducing infrastruc excess capacity. However, NHRC's mission is biomedical research and not p research. If NHRC were to move to Memphis, it should collocated with the Personnel, but should not be subsumed by that command.

2. NHRC is specifically mentioned in a proposal to consolidate all DoD m a new Armed Forces Medical Research and Development Agency (AFM be established as a Research Unit under AFMRDA.

- Staff Comment - Waiting for response from AFMRDA to an re effect on AFMRDA is NHRC were to be realigned.

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ENCLOSURE (3)

SECTION I: TASKING

In accordance with the Deputy Secretary of Defense memorandum dated 7 Jan 94, the Laboratory Joint Cross-Service Group (LJCSG) with DOD components should, where operationally and cost effective, strive to: retain in only one Service militarily unique capabilities used by two or more Services; consolidate workload across the Service to reduce capacity; and assign operational units from more than one Service to a single base. Specifically, the purpose of the LJCSG is:

- Determine common support functions and bases to be addressed by LJCSG
- Establish guidelines, standards, assumptions, measures of merit, data elements and milestone schedules for DOD Component conduct of cross-service analysis of common support functions
- Review excess capacity analysis
- Develop closure or realignment alternatives
- Analyze cross-service trade-offs

The following information identifies to the Services common support functions and data element requirements necessary to support the cross-service analysis of these common support functions.

1.1 Guidelines

Because the DOD components are organized differently, "Lab" activities are considered to be those involved in the following life cycle efforts: Science and technology, and/or engineering development, and/or in-service engineering.

Service missions and force structure will be as stipulated in the FY1995-2000 Defense Planning Guidance and Interim Force Structure Plan.

The Military Departments will use the projected funding in the FY95 President's Budget Submission (Future Years Defense Plan -- FYDP) and an estimate of funds that will be received from outside the military department for execution.

If "lab" excess capacity exists, the Military Departments will start to reduce it where operationally and cost effective through a combination of downsizing in place within the departments, internal service consolidation, and cross service alternatives.

The Military Departments will gather, exchange, and analyze data collected per this guidance call for Common Support Functions (Appendix C) at "lab" activities (Appendix B) in accordance with the milestones and schedule dates identified in Appendix A.

Cross-service alternatives will result in an aggregate reduction in the overall "lab" infrastructure across the Military Departments -- personnel/funding/facilities and equipment.

Common cross-service Measures of Merit will be consistently applied for all cross-service alternatives.

Integration of weapon systems/components into operational forces will remain with the individual Military Departments responsible for those forces.

1.2 Standards

Evaluation of cross-service alternatives will be consistent with PL 101-510 (as amended) and the eight BRAC criteria. Only certified data will be used.

The COBRA cost model will be used to calculate estimated costs, estimated savings, and Return on Investment (ROI) of alternatives leading to proposed closures and realignments. Common inputs will be used for Military COBRA runs incorporating cross-service alternatives.

Military value analysis will be conducted by the Military Departments IAW Title 10, USC responsibilities.

1.3 Assumptions

"Lab" Common Support Functions and activities identified herein represent the major opportunities for developing cross-service alternatives. The Military Departments are not precluded from proposing other cross-service alternatives to reduce excess capacity as they assess the full complement of "lab" functions.

Previous BRAC decisions will be factored into cross-service alternatives.

"Lab" capacity will be based on budgeted workyears. A workyear is considered to be 2080 hours adjusted for time not on the job (e.g. sick leave, annual leave, etc.)

1.4 Measures of Merit

The following Measures of Merit represent the outcome from the DOD component final realignment and closure recommendations that are supported by the capabilities data which will be gathered by activity and common support function in Section III of this guidance.

- Reduction of "lab" infrastructure
- Return on investment (COBRA)
- Military value (BRAC criteria 1-4) -- the composite assessment of the quality of the remaining "lab" infrastructure

1.5 Activities

The Military Departments will collect capacity data for each "lab" activity identified in Appendix B. The "lab" activities were selected by considering all individual aggregates of personnel and facilities located at one base, under the same commander, performing predominantly science and technology (S&T), engineering development, and/or in-service engineering work. Small subelements of these "lab" activities were included with the activity. Larger subelements were broken out and defined as separate activities. The list of activities was then narrowed down to the list in Appendix B based on a joint Military Department assessment of common support functions with cross-service potential.

1.6 Common Support Functions

The common support functions (CSFs) were selected as shown in Appendix C based on a joint Military Department assessment of commonalty and cross-servicing potential. Common support functions which were already consolidated and being cross serviced were not included.

Common Support Functions are divided into two categories: product and pervasive. Product functions include all S&T, engineering development, and in-service engineering efforts associated with a product from all funding sources. Pervasive functions only include those efforts that are S&T funded, i.e. Technology Base (6.1)/Exploratory Development (6.2)/Advanced Development (6.3).

SECTION II: CAPACITY OF DOD COMPONENTS

2.1 **Workload**. Use the following table to describe historic and projected workload at each activity in terms of funding and workyears. Assume previous BRAC closures and realignments are implemented on schedule. Projected funding will be derived from FY95 President's Budget Submission (Then year dollars). Past fiscal year data shall begin with FY86 or at the inception of the activity as it existed on 1 Oct 93. (BRAC Criteria I & IV)

Information Required	Fiscal Years											
	86	87	88	89	90	91	92	93	94	95	96	97
Total Funds Programmed ($M)	4.4	4.3	4.7	5.4	5.8	7.4	8.2	8.8	9.1	10.3	10.5	10.7
Total Actual Funds ($M)	4.2	4.4	4.3	5.4	5.7	6.9	7.6	8.8				
Programmed Workyears	110	110	110	115	125	140	150	155	150	160	163	165
Actual Workyears	107	113	108	120	126	132	143	146				

- Budgeted workyears are the selected indicator of the "lab" infrastructure's capacity at an aggregate level for each Military Department. They include both workyears funded directly by the Military Department and the workyears funded from organizations outside the Military Department.

Workyears = government personnel and on-site FFRDCs and SETAs

2.2 **Excess "Lab" Capacity -- Measured at the DOD Component Level**

- Excess "Lab" Capacity = Sum of the Peak Workyears - Sum of the Projected Workyears
  -- Peak at each activity = Highest value between FY86 (or since inception of organization) and FY93
  -- Projected at each activity = Estimated at FY97

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SECTION III: CAPABILITY OF ACTIVITIES TO PERFORM COMMON SUPPORT FUNCTIONS (CSFs): Provide the information described for each common support function listed in Appendix C in which you are actively engaged.

3.0 Mission: Describe the major capabilities at your activity contributing to the common support function in bulletized format. Describe any relationship and interconnectivity with other functions (common or otherwise) in support of the overall activity mission.
The Naval Health Research Center supports only one CSF, Human Systems (with emphasis on occupational health and safety, and operational medicine). Mission of this laboratory is in support of that CSF.

*** Operational Epidemiology (e.g., Gulf War Ilness, Injuries in Recruit Training, Navy HIV Central Registry, etc.)**
*** Medical Requirements and Performance Modeling (e.g., Disease and Non Battle/Battle Injury Projections, Medical Evacuation, Performance Degradation in Thermal Stress, Shipboard Independent Duty Corpsmen, etc.)**
*** Operational Performance Assessment and Biomedical Enhancement (Special Warfare) (e.g., Eccentric Training, Photorefractive Keratectomy, Thermal Protection, Nutritional Performance Enhancement, etc.)**
*** Medical Informatics (e.g., Shipboard Computer Assisted Diagnosis, Telemedicine, Medical Dog Tag, etc.)**
*** Health Promotion and Behavioral Medicine (e.g., Sexually Transmitted Disease Prevention in Marines in WestPac, Alcohol Rehabilitation Evaluation, Tobacco Control Aboard AirLant Aircraft Carriers, etc.)**
*** Readiness Standards (e.g., Physical Standards for Damage Control Aboard Ship, Medical Fitness Standards for Landing Craft-Air Cushion, Fitness Standards for EOD, etc.)**
*** Biomedical Effects of Continuous Operations (e.g., Stay Times in MOPP IV gear in Desert Storm, Neural-Human Systems Interface, Circadian effects on extended work, etc.)**
*** Shipboard Women's Health (e.g., Health Care Requirements, Pregnancy/Adverse Reproductive Outcome, Occupational Exposure, Preventive Medicine, etc.)**

Products derived from the performance of the above mission in support of CSF-Human Systems also directly or indirectly support the following CSFs:

Infectious Diseases - (a) Operational Epidemiology; and (b) Health Promotion and Behavioral Medicine.
Manpower and Personnel - (a) Readiness Standards; (b) Health Promotion and Behavioral Medicine; (c) Shipboard Women's Health; and (d) Medicine Requirements and Performance Modeling.
Training Systems - (a) Operational Epidemiology; (b) Operational Performance

ENCLOSURE (1)

Assessment and Biomedical Enhancement (Special Warfare); (c) Medical Informatics; (d) Readiness Standards; and (e) Shipboard Women's Health.

3.1 Location

3.1.1 **Geographic/Climatological Features:** Describe any geographic/climatological features in and around your activity that are relevant to each CSF. Indicate and justify those that are required versus those that just serve to enhance accomplishing the mission of the activity. For example, clear air at high altitude that increases quality of atmospheric, ground-based laser experiments in support of the weapons CSF. (BRAC Criteria I)

Naval Health Research Center (NHRC) is relatively close to the Marine Corps Mountain Warfare Training Center (MCMWTC) in Bridgeport, CA. During cold weather training operations, this facility affords NHRC researchers the opportunity to conduct evaluations of cold weather performance decrements and biomedical enhancements on larger numbers of Marine Corps personnel in the field. MCMWTC has provided NHRC with an on-sit laboratory to conduct cold stress studies. These operations are conducted in sub-freezing temperatures and snow at altitudes between 6,000 and 11,000 feet. The Special Operations Forces conduct their cold weather training in the San Bernadino mountains which are within 3 hours of NHRC. This training affords NHRC investigators the opportunity to conduct cold weather field studies on Special Operations personnel in snow and sub-freezing temperatures at altitudes between 7,000 and 10,000 feet.

The marine base at 29 Palms is relatively close to NHRC and offers researchers the opportunity to conduct studies during Marine Corps field exercises in high desert terrain with temperatures exceeding 100 deg. F. The Special Operations desert training occurs in Nyland, CA which is in the low desert within 2 hours of NHRC. During exercises in this varied terrain, the temperature is generally in excess of 100 deg. F.

The mountainous coastal region 40 minutes north of San Diego is the location of Camp Pendleton. This major Marine Corps base provides NHRC investigators the opportunity to evaluate and model human performance capabilities under field conditions. The Pacific Ocean and harbor in San Diego affords NHRC researchers opportunities to evaluate biomedical interventions for hypothermia with the Special Operations Forces during open water swims and other local field operations (e.g., SDV operations, high speed boats, etc.).

SECTION III: CAPABILITY OF ACTIVITIES TO PERFORM COMMON SUPPORT FUNCTIONS (CSFs): Provide the information described for each common support function listed in Appendix C in which you are actively engaged.

3.0 Mission: Describe the major capabilities at your activity contributing to the common support function in bulletized format. Describe any relationship and interconnectivity with other functions (common or otherwise) in support of the overall activity mission.
The Naval Health Research Center supports only one CSF, Human Systems (with emphasis on occupational health and safety, and operational medicine). Mission of laboratory is in support of that CSF.

- **Operational Epidemiology (e.g., Gulf War Illness, Injuries in Recruit Training, Navy HIV Central Registry, etc.)**
- **Medical Requirements and Performance Modeling (e.g., Disease and Non Battle/Battle Injury Projections, Medical Evacuation, Performance Degradation in Thermal Stress, Shipboard Independent Duty Corpsmen, etc.)**
- **Operational Performance Assessment and Biomedical Enhancement (Special Warfare) (e.g., Eccentric Training, Photorefractive Keratectomy, Thermal Protection, Nutritional Performance Enhancement, etc.)**
- **Medical Informatics (e.g., Shipboard Computer Assisted Diagnosis, Telemedicine, Medical Dog Tag, etc.)**
- **Health Promotion and Behavioral Medicine (e.g., Sexually Transmitted Disease Prevention in Marines in WestPac, Alcohol Rehabilitation Evaluation, Tobacco Control aboard AirLant Aircraft Carriers, etc.)**
- **Readiness Standards (e.g., Physical Standards for Damage Control aboard Ship, Medical Fitness Standards for Landing Craft-Air Cushion, Fitness Standards for EOD, etc.)**
- **Biomedical Effects of Continuous Operations (e.g., Stay times in MOPP IV gear in Desert Storm, Neural-Human Systems Interface, Circadian effects on extended work, etc.)**
- **Shipboard Women's Health (e.g., Health Care Requirements, Pregnancy/Adverse Reproductive Outcome, Occupational Exposure, Preventive Medicine, etc.)**

3.1 Location

3.1.1 **Geographic/Climatological Features:** Describe any geographic/climatological features in and around your activity that are relevant to each CSF. Indicate and justify those that are required versus those that just serve to enhance accomplishing the mission of the activity. For example, clear air at high altitude that increases quality of atmospheric, ground-based laser experiments in support of the weapons CSF. (BRAC Criteria I)

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3.1.2 **Licenses & permits:** Describe and list the licenses or permits (e.g., environmental, safety, etc.) that your activity currently holds and justify why they are required to allow tests, experiments, or other special capabilities at your location for each CSF. For example, permit to store and use high explosives. (BRAC Criteria I)

None

3.1.3 **Environmental constraints:** Describe and list the environmental or land use constraints present at your activity which limit or restrict your current scope for each CSF, i.e., would not allow increased "volume" or "spectrum" for the CSF. Example -- Volume: frequency of a type of experiment. Example -- Spectrum: Current permit to detonate high explosives will not allow detonation or storage of increased quantity of explosives without legal waiver (state law) or relocation of surrounding (non-govt) buildings. (BRAC Criteria II)

None

3.1.4 **Special Support Infrastructure:** List and describe the importance of any mission related special support infrastructure (e.g. utilities) present at your location for your activity. (BRAC Criteria I)

None

N/A

3.1.2 **Licenses & permits:** Describe and list the licenses or permits (e.g., environmental, safety, etc.) that your activity currently holds and justify why they are required to allow tests, experiments, or other special capabilities at your location for each CSF. For example, permit to store and use high explosives. (BRAC Criteria I)

N/A

3.1.3 **Environmental constraints:** Describe and list the environmental or land use constraints present at your activity which limit or restrict your current scope for each CSF, i.e., would not allow increased "volume" or "spectrum" for the CSF. Example -- Volume: frequency of a type of experiment. Example -- Spectrum: Current permit to detonate high explosives will not allow detonation or storage of increased quantity of explosives without legal waiver (state law) or relocation of surrounding (non-govt) buildings. (BRAC Criteria II)

N/A

3.1.4 **Special Support Infrastructure:** List and describe the importance of any mission related special support infrastructure (e.g. utilities) present at your location for your activity. (BRAC Criteria I)

N/A

3.1.5. **Proximity to Mission-Related organizations:** List and describe the importance and impact of not having nearby organizations which facilitate accomplishing or performing your mission -- e.g. operational units, FFRDCs, universities/colleges, other government organizations, and commercial activities. Restrict your response to the top five. Complete the following: (BRAC Criteria I)

This Portion should not be deleted

Common Support Functions	Name	Type of Organization	Distance	Workyears Performed by Your Activity	Workyears Funded by Your Activity
Human Systems*	COMNAVSPECWAR	OPERATIONAL	17 miles	32.75	32.75
Human Systems	MCB CAMP PENDLETON	TRAINING	55 miles	24.75	24.75
Human Systems	COMNAVSURFPAC	OPERATIONAL	15 miles	23.5	23.5
Human Systems	MCRD	TRAINING	5 miles	7.5	7.5
Human Systems	NAVSTA	OPERATIONAL	9 miles	5.5	5.5

*** Human Systems focus on occupational health and safety and operational medicine.**

COMNAVSPECWAR: Commander, Naval Special Warfare Command

MCB CAMP PENDLETON:	Commanding General, Marine Corps Base, Camp Pendleton
COMNAVSURFPAC:	Commander, Naval Surface Forces, Pacific
MCRD:	Commanding General, Marine Corp Recruit Depot
NAVSTA:	Commanding Officer, Naval Station, San Diego

The operational/training organizations listed are Naval and Marine Corps customers of Biomedical R&D efforts of this command. Not having operational/training commands nearby would seriously reduce ready access to Naval Warfare Platforms. The surface, subsurface, air, special operations, and Marine Corps Warfare unit platforms are key to recruitment of research subjects and on-site data collection. In addition, interaction with fleet customers is essential to the execution of an effective operational biomedical R&D program. This interaction is necessary to tailor and transition fleet products, to gain trust, and to fully recognize and respond to the research requirements.

3.2 Personnel:

3.2.1 **Total Personnel:** What is the total number of government (military and civilian), on-site federally funded research and development center (FFRDC), and on-site system engineering technical assistance (SETA) personnel engaged in science and technology (S&T), engineering development and in-service engineering activities as of end FY93? For individuals that predominantly work in CSFs, involved in more than one CSF, account for those individuals in the CSF that represents the preponderance of their effort. (BRAC Criteria I)

Types of personnel	Number of Personnel			
	Government		On-Site FFRDC	On-Site SETA
	Civilian	Military		
Technical	35	16	39	0
Management (Supv)	8	2	0	0
Other	0	0	0	0

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3.1.5. **Proximity to Mission-Related organizations:** List and describe the importance and impact of not having nearby organizations which facilitate accomplishing or performing your mission -- e.g. operational units, FFRDCs, universities/colleges, other government organizations, and commercial activities. Restrict your response to the top five. Complete the following: (BRAC Criteria I)

Common Support Functions	Name	Type of Organization	Distance	Workyears Performed by Your Activity	Workyears Funded by Your Activity

3.2 Personnel:

3.2.1 **Total Personnel:** What is the total number of government (military and civilian), on-site federally funded research and development center (FFRDC), and on-site system engineering technical assistance (SETA) personnel engaged in science and technology (S&T), engineering development and in-service engineering activities as of end FY93? For individuals that predominantly work in CSFs, involved in more than one CSF, account for those individuals in the CSF that represents the preponderance of their effort. (BRAC Criteria I)

Types of personnel	Number of Personnel			
	Government		On-Site FFRDC	On-Site SETA
	Civilian	Military		
Technical	35	16	39	0
Management (Supv)	8	2	0	0
Other	15	7	0	0

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3.2.2 **Education:** What is the number of government personnel actively engaged in S&T, engineering development and in-service engineering activities by highest degree and type of position? Provide the data in the following table: (BRAC Criteria I)

Type of Degree/ Diploma	Number of Government Personnel by Type of Position		
	Technical	Management (Supv)	Other
High School or Less	14	0	11
Associates	2	0	3
Bachelor	9	0	2
Masters	17	1	3
Doctorate (include Med/Vet/etc.)	9	0	3

3.2.3 **Experience:** What is the experience level of government personnel? Fill in the number of government personnel in the appropriate boxes of the following table. (BRAC Criteria I)

Type of Position	Years of Government and/or Military Service				
	Less than 3 years	3-10 years	11-15 years	16-20 years	More than 20 years
Technical	3	22	8	3	15
Management (Supv)	0	1	2	2	5
Total	3	23	10	5	20

3.2.4 **Accomplishments During FY91-93:** For government personnel answer the following questions.

3.2.2 **Education:** What is the number of government personnel actively engaged in S&T, engineering development and in-service engineering activities by highest degree and type of position? Provide the data in the following table: (BRAC Criteria I)

Type of Degree/ Diploma	Number of Government Personnel by Type of Position		
	Technical	Management (Supv)	Other
High School or Less	14	0	0
Associates	2	0	0
Bachelor	9	0	0
Masters	17	1	0
Doctorate (include Med/Vet/etc.)	9	9	0

3.2.3 **Experience:** What is the experience level of government personnel? Fill in the number of government personnel in the appropriate boxes of the following table. (BRAC Criteria I)

Type of Position	Years of Government and/or Military Service				
	Less than 3 years	3-10 years	11-15 years	16-20 years	More than 20 years
Technical	3	22	8	3	15
Management (Supv)	0	1	2	2	5
Total	3	23	10	5	20

3.2.4 **Accomplishments During FY91-93:** For government personnel answer the following questions.

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P10 9/13/94

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3.2.4.1 How many patents were awarded and patent disclosures (only count disclosures with issued disclosure numbers) were made? (BRAC Criteria I)

CSF	Disclosures	Awarded	Patent Titles (List)
Human Systems	**None**	**None**	**64**
Total			

3.2.4.2 How many papers were published in peer reviewed journals? (BRAC Criteria I)

CSF	Number Published	Paper Titles (List)
Human Systems (FY91-93)	**64**	**Not possible to list all 64 titles provided as Appendix A.**
TOTAL		

3.3 Workload

3.3.1 **FY93 Workload**

3.3.1.1 **Work Year and Lifecycle:** Identify the number of actual workyears executed for each applicable CSF in FY93 for each of the following: government civilian; military; on-site FFRDCs; and on-site SETAs. (BRAC Criteria I)

"LAB"	Fiscal Year 1993 Actual			
	Civilian	Military	FFRDC	SETA
Science & Technology	**58**	**25**	**39**	**0**
Engineering Development	**0**	**0**	**0**	**0**
In-Service Engineering	**0**	**0**	**0**	**0**

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3.2.4.1 How many patents were awarded and patent disclosures (only count disclosures with issued disclosure numbers) were made? (BRAC Criteria I)

CSF	Disclosures	Awarded	Patent Titles (List)
Human Systems	None	None	N/A
Total			

3.2.4.2 How many papers were published in peer reviewed journals? (BRAC Criteria I)

CSF	Number Published	Paper Titles (List)
Human Systems (FY91-93)	64	Not possible to list all 64 titles provided as Appendix A.
TOTAL		

3.3 Workload

3.3.1 **FY93 Workload**

3.3.1.1 **Work Year and Lifecycle:** Identify the number of actual workyears executed for each applicable CSF in FY93 for each of the following: government civilian; military; on-site FFRDCs; and on-site SETAs. (BRAC Criteria I)

"LAB"	Fiscal Year 1993 Actual			
	Civilian	Military	FFRDC	SETA
Science & Technology	43	18	39	0
Engineering Development	0	0	0	0
In-Service Engineering	0	0	0	0

Replaced by P 12 9/13/94 renumbered to P11

3.2.4.1 How many patents were awarded and patent disclosures (only count disclosures with issued disclosure numbers) were made? (BRAC Criteria I) **None**

CSF	Disclosures	Awarded	Patent Titles (List)
Total			

3.2.4.2 How many papers were published in peer reviewed journals? (BRAC Criteria I)

CSF	Number Published	Paper Titles (List)
Human Systems (FY91-93)	**64**	**Not possible to list all 64 titles provide as Appendix A.**
TOTAL	**64**	

3.3 Workload

3.3.1 **FY93 Workload**

3.3.1.1 **Work Year and Lifecycle:** Identify the number of actual workyears executed for each applicable CSF in FY93 for each of the following: government civilian; military; on-site FFRDCs; and on-site SETAs. (BRAC Criteria I)

"LAB"	Fiscal Year 1993 Actual			
	Civilian	Military	FFRDC	SETA
Science & Technology	**43**	**18**	39	0
Engineering Development	**0**	**0**	0	0
In-Service Engineering	**0**	**0**	0	0

3.3.1.2 **Engineering Development By ACAT:** For each Common Support Function (e.g. airborne C4I) at each activity engaged in engineering development, provide:

- For each ACAT IC, ID, and II program (as defined in DODI 5000.2):
  - The name of the program
  - A brief program description
- For each ACAT III and IV programs:
  - The number of such programs
  - A list of program names
- For each program not an ACAT I, II, III, IV:
  - The number of such programs
  - A list of program names
- For the purpose of this question, any program between Milestone I and IV and containing demonstration and validation (Dem/Val 6.4)/Engineering and Manufacturing Development (EMD 6.5) funds in the FY95 PBS is considered to be engaged in engineering development (BRAC Criteria I).

Engineering Development	Name or Number	Workyears (FY93 Actual)	FY93 Funds Received (Obligation Authority)	Narrative
ACAT IC	(Name) N/A	N/A	N/A	(Description)
ACAT ID	(Name) N/A	N/A	N/A	(Description)
ACAT II	(Name) N/A	N/A	N/A	(Description)
ACAT III/IV	(Number) N/A	N/A	N/A	(List)
Other	(Number) N/A	N/A	N/A	(List)

3.3.1.3 **In-Service Engineering:** For each Common Support Function at each activity engaged in in-service engineering, list the in-service engineering efforts, the FY93 funds (from all sources) obligated for these efforts, the FY93 workyears for these efforts, and the weapon system(s) supported by these efforts. In-service engineering consists of all engineering support of fielded and/or out of production systems and includes efforts to improve cost, throughput, and schedule to support customer requirements as well as mods and upgrades for reliability, maintainability, and performance enhancements. (BRAC Criteria I)

Common Support Functions	**In-Service Engineering Efforts (List)**	**FY93 Actual**		**Weapon System(s) Supported**
		Funds Received (Obligation Authority)	**Workyears**	
Human Systems	**N/A**	N/A	N/A	

3.3.2 **Projected Funding**

3.3.2.1 **Direct Funding:** For each applicable CSF, identify direct mission funding by appropriation from FY94 to FY97. Use FY95 PBS for FY95-FY97. (BRAC Criteria I)

CSF (RDT&E)	**FY94**	**FY95**	**FY96**	**FY97**
Human Systems	**7513**	**9250**	**10125**	**10750**

3.3.2.2 **Other Obligation Authority:** For each applicable CSF, identify reimbursable and direct-cite funding (other obligation authority expected) from FY94 to FY97. Funding allocation must be traceable to FY95 PBS. (BRAC Criteria I)

CSF	**FY94**	**FY95**	**FY96**	**FY97**
Human Systems	**1611**	**1050**	**375**	**0**

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3.4 Facilities and Equipment

3.4.1 **Major Equipment and Facilities:** Describe major facilities and equipment necessary to support each Common Support Function (include SCIFs). If the facilities and equipment are shared with other functions, identify those functions and the percentage of total time used by each of the functions. Provide labeled photographs that picture the breadth and scope of the equipment and facilities described. If it is unique to DOD, to the Federal Government, or to the US, describe why it is unique. Insert the replacement cost. For this exercise, Replacement cost = (Initial cost + capital investment) multiplied by the inflation factor for the original year of construction. (BRAC Criteria II)

Common Support Function	Major Facility or Equipment Description	Unique To			Replacement Cost ($K)
		DOD	Federal Gov't	U. S.	
Human Systems	Two environmental chambers: Temperature range - 20 to 180 deg. F.; humidity 20-85%.	X			$145
Human Systems	Swim Flume: Allows exposure to hot or cold moving water at 0 to 4 knots with temperature range of 45 to 90 deg. F.	X			$70

These facilities are not shared with any other CSF.

3.4 Facilities and Equipment

3.4.1 **Major Equipment and Facilities:** Describe major facilities and equipment necessary to support each Common Support Function (include SCIFs). If the facilities and equipment are shared with other functions, identify those functions and the percentage of total time used by each of the functions. Provide labeled photographs that picture the breadth and scope of the equipment and facilities described. If it is unique to DOD, to the Federal Government, or to the US, describe why it is unique. Insert the replacement cost. For this exercise, Replacement cost = (Initial cost + capital investment) multiplied by the inflation factor for the original year of construction. (BRAC Criteria II)

Common Support Function	Major Facility or Equipment Description	Unique To			Replacement Cost ($K)
		DOD	Federal Gov't	U. S.	
Human Systems	Two environmental chambers: Temperature range - 20 deg. F to 180 deg. F; humidity 20-85%.	X			
Human Systems	Swim flume: Allows exposure to hot or cold moving water at 0 to 4 knots with temperature range of 45 to 90 deg. F.	X			

3.5 Expansion Potential

3.5.1 **Laboratory Facilities:** Use facilities records as of fourth-quarter FY93 in answering the following (in sq ft) for each CSF: (BRAC Criteria II)

Common Support Function	Facility or Equipment Description	Type of Space*	Space Capacity (KSF)		
			Current	Used	Excess
Human Systems	**Science Labs**	**Technical**	**31,564**	**31,564**	**0**
		Administration	**12,767**	**12,767**	**0**

* Administrative, Technical, Storage, Utility

3.5.1.1 Describe the capacity of your activity to absorb additional similar workyears categorized in the same common support function with minor facility modification. If major modification is required, describe to what extent the facilities would have to be modified. (Use FY97 workyears as your requirement) (BRAC Criteria III)
Given additional anticipated tasking, this command may experience an increase of 10-15 workyears by FY97. We are a tenant activity. As down-sizing occurs in the host command or other tenant commands, it is anticipated that space will become available to absorb these additional workyears.
3.5.1.2 If there is capacity to absorb additional workyears, how many additional workyears can be supported? (BRAC Criteria III)
Additional capacity is dependent upon the extent of down-sizing which occurs in the host command or the other tenant commands.
3.5.1.3 For 3.5.1.1 and 3.5.1.2 (above) describe the impact of military construction programs or other alteration projects programmed in the FY95 PBS. (BRAC Criteria II)
Not applicable.
3.5.2 **Land Use:** Provide number of buildable acres for additional laboratory/administrative support construction at your installation. (BRAC Criteria II)
None.
3.5.3 **Utilities:** Provide an estimate of your installation's capability to expand or procure additional utility services (electric, gas, water). Estimates should be provided in appropriate units -- e.g. KWH of electricity. (BRAC Criteria II) **None.**

Appendix A to Data Call #12
File: LABS.12
NHRC Journal Publications For Years 1991-1993

90-30 Banta, GR & D Braun (1992) A259-174
Heat Strain During At-sea Helicopter Operations and the Effect of Passive Microclimate Cooling. Aviation, Space & Environmental Medicine, 63, 881-885

91-1 Blood, CG (1991) A259-268
Analyses of Battle Casualties by Weapon Type Aboard U.S. Navy Warships
Military Medicine, 157(3), 124-130 (1991 Center Publication, A252-892)

91-2 Blood, CG; WM Pugh, ED Gauker, & DM Pearsall (1992)
Comparisons of Wartime and Peacetime Disease and Non-battle Injury Rates Aboard Ships of the British Royal Navy. Military Medicine, 157(12), 641-644

92-1 Blood, CG & ED Gauker (1993)
The Relationship Between Battle Intensity and Disease Rates Among Marine Corps Infantry Units, Military Medicine, 158(5), 340-344.

89-48 McKirnan, MD; CG Gray, & FC White (1991) A245-590
Effects of Feeding on Muscle Blood Flow During Prolonged Exercise in Miniature Swine
Journal of Applied Physiology, 70(3), 1097-1104

89-49 Naitoh, P (1992)
Minimal Sleep to Maintain Performance: The Search for Sleep Quantum in Sustained Performance. In C Stampi (Ed.), Why We Nap. Cambridge, MA: Birkhauser Boston Inc. (pp 199-216) (1990 Center Publication, A223-815)

88-50 Johnson, LC; CR Freeman, CL Spinweber, & SA Gomez (1991)
Subjective and Objective Measures of Sleepiness: Effect of Benzodiazepines and Caffeines on Their Relationships. Psychophysiology, 28(1), 65-71

89-50 Trent, LK (1991) A262-991
Prevalance of Elevated Serum Cholesterol in Personnel of the U.S. Navy. Public Health Reports, 106(2), 167-175

89-55 Hoiberg, A & MS McNally (1991) A251-350
Profiling Overweight Patients in the U.S. Navy: Health Conditions and Costs. Military Medicine, 156(2), 76-82 (1990 Center Publication, A223-819)

Weiss, PJ; SK Brodine, RR Goforth, CA Kennedy, MR Wallace, PE Olson, FC Garland, FW Hall, SI Ito, & EC Oldfield
Initial Low CD4 Lymphocyte Counts in Recent HIV Infection and Lack of Association With Identified Coinfections. Journal of Infectious Diseases, 1992; 166, 1149-1153

APX A-1 R 9/13/94 VR Bunnell 0824 9/20/94

Brodine, SK; EC Oldfield, WA Blattner, et al. (1992)
HTLV-I Among U.S. Marines Stationed in a Hyperendemic Area: Evidence for Female-to-Male Sexual Transmission. Journal of AIDS, 5, 158-162

Lal, RB; SK Brodine, J Kazura, E Mbidde-Katonga, R Yanagihara, & CR Roberts (1992)
Sensitivity and Specificity of a Recombinant Transmembrane Glycoprotein (rgp21)-Spiked Western Immunoblot for Serological Confirmation of Human T-cell Lymphotrophic Virus Type I and Type II Infections. Journal of Clinical Microbiology, 30(2), 292-299

Lal, RB; DL Rudolph, JE Coligan, SK Brodine, & CR Roberts (1992)
Failure to Detect Evidence of Human T-Lymphotropic Virus (HTLV) Type I and Type II in Blood Donors With Isolated GAG Antibodies to HTLV-I/II. Blood, 80(2), 544-550.

Roberts, CR; R Mitra, C Hyams, SK Brodine, & RB Lal (1992)
Serological Differentiation of HTLV-I from HTLV-II Infection by Synthetic Peptide Immunoassays. Journal of Medical Virology, 36, 298-302.

Sawyer, MH; YN Wu, CJ Chamberlin, C Burgos, SK Brodine, WA Bowler, A LaRocco, EC Oldfield, & MR Wallace (1992)
Detection of Varicella Zoster Virus DNA in the Oropharynx and Blood of Patients With Varicella. Journal of Infectious Diseases, 166, 885-888.

Wallace, MR; WA Bowler, NM Murray, SK Brodine, & EC Oldfield (1992)
Treatment of Adult Varicella With Oral Acyclovir: A Randomized, Placebo-controlled Trial. Annals of Internal Medicine, 117, 358-363

Weiss, PJ; PE Olson, & SK Brodine
Navy Issue Condoms. Navy Medicine, Nov-Dec 1992, 6-7.

Burr, RG, Palinkas, & Banta, GR
Psychological effects of sustained shipboard operations on U.S. Navy personnel. Current Psychology, 12(2), 113-129, 1993.

90-42 Burr, RG; SI Woodruff, & GR Banta
Associations between Mood and Specific Health Composites during Navy Persian Gulf Operations. Journal of Psychosomatic Research, 37(3), 291-297, 1993.

90-43 Conway, TL & TA Cronan (1992)
Smoking, Exercise and Physical Fitness. Preventive Medicine, 21, 723-734
(1991 Center Publication, A234-658)

90-32 Farrow, S; GR Banta, S Schallhorn, R May, A Mers, L Cadaret, L Rydstedt, & W Lockette (1992). Vasopressin Inhibits Diuresis Induced by Water Immersion in Man
Journal of Applied Physiology, 73(3), 932-936

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Garland CF, Garland FC, Gorham ED
Could sunscreens increase melanoma risk (letter). American Journal of Public Health 1992;82:614-5.

Garland CF, Garland FC, Gorham ED
Rising trends in melanoma: an hypothesis concerning sunscreen effectiveness. Annals of Epidemiology 1993;3:103-110.

91-10 Garland, FC; CF Garland, ED Gorham, MR Miller, SO Cunnion, LL Balazs
Lack of Association of Human Immunodeficiency Virus (HIV) Infection Seroconversion in U.S. Navy Personnel With Visits to Foreign Ports. Archives of Internal Medicine 1993; 153;2685-2691.

91-20 Garland, FC; ED Gorham, CF Garland, MR Miller, SK Brodine, LL Balazs, & the Navy HIV Working Group (1993)
Geographic Variation in Human Immunodeficiency Virus Seroconversion Rates in the U.S. Navy. Journal of Acquired Immunodeficiency Syndrome (JAIDS), 6, 1267-1274.

92-34 Garland, FC; CF Garland, ED Gorham, SK Brodine, PJ Weiss, & the Navy HIV Working Group (1993)
Specific Western Blot Banding Patterns Are Associated With Initial CD4+ Lymphocyte Counts in Human Immunodeficiency Virus Seroconverters. Annals of Epidemiology, 4, 32-36.

90-40b Garland, FC; ED Gorham, SO Cunnion, MR Miller, LL Balazs, & the Navy HIV Working Group (1992). Decline in Human Immunodeficiency Virus Seropositivity and Seroconversion in U.S. Navy Enlisted Personnel: 1986-1989. American Journal of Public Health, 82(4), 581-584 A259-280

Arnall, D., Goforth, H.W., Jr.
Glycerol ingestion does not enhance body water retention in divers during cold water immersion. Undersea Biomedical Research, 20(4), 1993.

Jacobs, I., Allsop, A., Goforth, H.W., Jr., Murray, N., Stroud, M., & Vogel, J.
A Compendium of Potential Ergogenic Aids for Elite Combat Personnel. The Technical Cooperation Program, Subgroup U-Action Group-12, 1993.

91-38 Gorham ED, Garland FC, Barrett-Connor E, Garland CF, Wingard DL, Pugh WM
Incidence of insulin-dependent diabetes mellitus in young adults: experience of 1,587,630 U.S. Navy enlisted personnel. American Journal of Epidemiology 1993; 138:1-4.

APXA - 3R 9/13/94 VR BUMED 824 9/20/94

91-42 Gorham ED, FC Garland, DL Mayers, RR Goforth, S Brodine, PJ Weiss, MS McNally, & The Navy Retroviral Working Group (1993).
CD-4 Lymphocyte Counts within 24 Months of Human Immunodeficiency Virus (HIV) Seroconversion in U.S. Navy and Marine Corps Personnel
Archives of Internal Medicine, 153, 869-876.

Fujikawa, J; JP Struewing, KC Hyams, EL Kaplan, AK Tupponce, & GC Gray
Streptococcal Prophylaxis for Recruits. Efficacy of Oral Erythromycin in Prophylaxis of Streptococcal Infection for Penicillin-allergic Military Recruits: A Randomized Double-blind Study. J Infect Dis, 1992, 166, 162-5.

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Seroprevalence of Hepatitis A, B, and C in a United States Military Recruit Population. Military Medicine, 1992, 157, 579-82.

Oldfield, EC, Rodier GR, Gray GC
Endemic Infectious Diseases of Somalia. Clinical Infectious Diseases, 1993; 16 (suppl 3):s132-157.

Hagan, RD; SE Weis, & PB Raven
Effect of pedal rate on cardiorespiratory responses during continuous exercise. Med Sci Sports Exercise, 24(10), 1088-95, 1992.

Licciardone, JC & RD Hagan
The physical fitness of first-year osteopathic medical students. J of Amer Osteopathic Assn, 92(3), 327-33, March 1992.

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Upper Respiratory Disease in Deployed U.S. Navy Shipboard Personnel, Military Medicine, 157(12), 649-51, 1992.

Hackney, A.C., D.L. Kelleher, J.T. Coyne, & J.A. Hodgdon.
Military operations at moderate altitude: Effects on physical performance. Military Medicine, 157:625-629, 1992.

Hackney, A.C., & J.A. Hodgdon
Thyroid hormones changes during military field operations in the Arctic. Aviation, Space & Environmental Medicine, 65:606-611, 1992.

90-11 Hurtado, SL, DS Nice, & MF Hovell
Efficacy of Health Promotion Videotapes in the U.S. Navy: A Lesson for Health Educators. Journal of Health Education, March/April 1993, 24(2), 107-112.

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91-46 Babkoff, H; TL Kelly, LT Matteson, SA Gomez, A Lopez, S Hauser, P Naitoh & J Assmus
Pemoline and methylphenidate: Interaction with mood, sleepiness, and cognitive performance during 64 hours of sleep deprivation. Military Psychology, 4:235-256, 1992.

91-21 Linenger, JM & AF Shwayhat (1992) A258-794
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Journal of the American Podiatric Medical Association 82(5), 269-271

90-24 Linenger, JM & LA West (1992)
Epidemiology of Soft-Tissue/Musculoskeletal Injury among U.S. Marine Recruits Undergoing Basic Training. Military Medicine, 157(9), 491-493

90-37 Linenger, JM & CP Christensen (1992) A251-569
Is Iliotibial Band Syndrome often overlooked?
The Physician and Sports Medicine, 20(2), 98-108

91-39 Makeig, S & M Inlow
Lapses in Alertness: Coherence of Fluctuations in Performance EEG Spectrum
EEG & Clinical Neurophysiology, 86, 23-35, 1993.

92-31 Makeig, S
Auditory Event-related Dynamics of the EEG Spectrum and Effects of Exposure to Tones
Electroencephalography and Clinical Neurophysiology, 86, 283-93, 1993.

92-32 Pantev, C; T Elbert, S Makeig, S Hampson, C Eulitz, & M Hoke
Relationship of Transient and Steady-state Auditory Evoked Fields
Electroencephalography and Clinical Neurophysiology, 88:389-96, 1993.

Galambos, R & S Makeig
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Oscillatory brain activity during a motor task, NeuroReport, 4: 1291-94, 1993.

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91-12 Marshall, G; CB Wortman, JW Kusulas, LK Hervig & RR Vickers Jr. (1992)
Distinguishing Optimism from Pessimism: Relations to Fundamental Dimensions of Mood and Personality. Journal of Personality & Social Psychology, 62(6), 1067-1074

91-45 Naitoh, P; T Kelly, & H Babkoff (1993) A256-602
Sleep Inertia: Is There a Worst Time to Wake-up? Chronobiological International, 10(2), 109-11 (Center Publication)

Iaizzo, PA & RS Pozos
Analysis of multiple EMG and acceleration signals of various record lengths as a means to study pathological and physiological oscillations. Electromyography Clinical Neurophysiology, 1992, 32, 359-367.

Pozos, RS & PA Iaizzo
Effects of topical anesthesia on essential tremor. Electromyography Clinical Neurophysiology, 1992, 32, 369-372.

92-7 Prusaczyk, W.K., Jacobs, I., Bowden, T., McClellan, T.M.
A Computational Method for Determination of the Individual Anaerobic Threshold. Computers in Biology and Medicine, 23(4), 327-331, 1993.

Prusaczyk, W.K.; KJ Cureton, RE Graham, & CA Ray
Differential effects of dietary carbohydrate on RPE at the lactate and ventilatory thresholds. Med Sci Sports Exercise, 24(5), 568-75, 1992.

Prusaczyk, WK; RK Dishman, & KJ Cureton
No effects of glycogen depleting exercise and altered diet composition on mood states. Med Sci Sports Exercise, 24(6), 708-13, 1992.

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Mountaineering Sojourn: effects of prolonged exposure to altitude and cold on body composition. Journal of Wilderness Medicine, 4:32-37, 1993.

92-4 Trent, LK, & LT Stevens (1993)
Survey of the Navy's Three-tiered Obesity Treatment Program. Military Medicine, 158(9), 614-618.

90-27 Trent, LK (1992)
Nutrition Knowledge of Active-duty Navy Personnel A259-267
Journal of the American Dietetic Association, 92(6), 724-728

90-26 Woodruff, SI & TL Conway (1992)
Impact of Health and Fitness-related Behavior on Quality of Life
Social Indicators Research, 25, 391-405 (1992 Center Publication, A232-811)

APXA -5R 9/13/94 LR Burum 824 9/28/94

90-22 Woodruff, SI, TL Conway, JM Linenger (1992)
An Assessment of Pre- and Post-fitness Measures in Two Remedial Conditioning Programs. Military Medicine, 157(1), 25-30 (1991 Center Publication, A230-365)

91-3 Woodruff, SI & TL Conway (1992) A259-366
A Longitudinal Assessment of the Impact of Health/Fitness Status and Health Behavior On Perceived Quality of Life. Perceptual and Motor Skills, 75, 3-15

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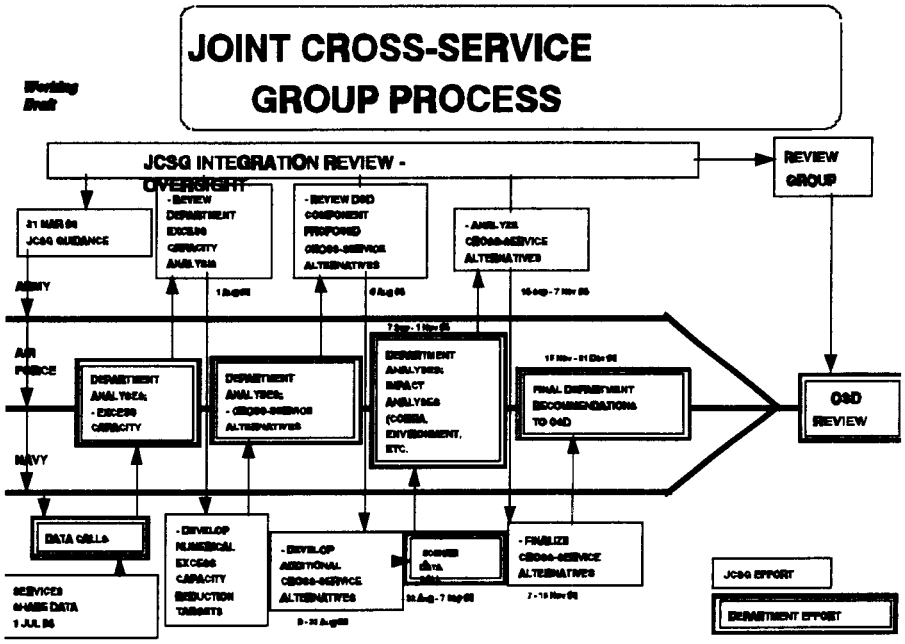
SECTION IV: APPENDICES

A. Macro Process/Schedule
B. List of Activities
C. Common Support Functions

APPENDIX A


JOINT CROSS-SERVICE
GROUP PROCESS
JCSG INTEGRATION REVIEW -
REVIEW
GROUP
ARMY
AIR
FORCE
NAVY
OSD
REVIEW
DATA CELLS
JCSG EFFORT

APPENDIX B

LIST OF ACTIVITIES

AIR FORCE

1. Armstrong Lab, Brooks AFB
2. Armstrong Lab, Tyndall AFB
3. Armstrong Lab, Wright-Patterson AFB
4. Armstrong Lab, Williams AFB
5. Human Systems Center, Brooks AFB
6. Wright Lab, Wright-Patterson AFB
7. Wright Lab, Eglin AFB
8. Aeronautical Systems Center, Wright-Patterson AFB
9. Aeronautical Systems Center, Eglin AFB
10. Oklahoma City Air Logistics Center, Tinker AFB (In-service engineering)
11. Ogden Air Logistics Center, Hill AFB (In-service engineering)
12. San Antonio Air Logistics Center, Kelly AFB (In-service engineering)
13. Sacramento Air Logistics Center, McClellan AFB (In-service engineering)
14. Warner-Robins Air Logistics Center, Robins AFB (In-service engineering)
15. Phillips Lab, Kirtland AFB
16. Phillips Lab, Hanscom AFB
17. Phillips Lab, Edwards AFB
18. Space & Missile Center, Los Angeles AFB
19. Space & Missile Center, Norton AFB
20. Sacramento Air Logistics Center, Peterson AFB
21. Rome Lab, Griffiss AFB
22. Rome Lab, Hanscom AFB
23. Electronic Systems Center, Hanscom AFB
24. Sacramento Air Logistics Center, Peterson AFB (In-service engineering)

ARMY

1. Army Research Lab (ARL), Adelphi, MD
2. ARL, Aberdeen Proving Grounds (APG), MD
3. ARL, White Sands Missile Range, NM
4. ARL, NASA Langley, VA
5. ARL, NASA Lewis, OH
6. Natick Research, Development and Engineering Center, Natick, MA
7. Aviation Research, Development and Engineering Center, St Louis, MO
8. Aviation Troop Command, Aeroflight Dynamics Directorate, Moffitt Field, CA

9. Aviation Troop Command, Aviation Applied Technology Directorate, Fort Eustis, VA
10. Edgewood Research, Development and Engineering Center, Aberdeen Proving Ground, MD
11. Communications Electronics Command Research, Development and Engineering Center, Ft Mammoth, NJ
12. Communication Electronics Command Research, Development and Engineering Center - Night Vision EO Directorate, Ft Belvoir, VA
13. Missile Research, Development and Engineering Center, Redstone Arsenal, AL
14. Armaments Research, Development and Engineering Center, Picatinny Arsenal, NJ
15. Armaments Research, Development and Engineering Center, Benet Labs, Watervliet Arsenal, NY
16. Tank-Automotive Command Research, Development and Engineering Center, Warren, MI
17. USA Research Institute of Infectious Diseases, Ft Detrick, MD
18. Walter Reed Army Institute of Research, Washington D.C.
19. USA Institute of Surgical Research, Ft Sam Houston, TX
20. USA Aeromedical Research Lab, Ft Rucker, AL
21. Medical Research Institute of Chemical Defense Aberdeen Proving Grounds, MD
22. USA Research Institute of Environmental Medicine, Natick, MA
23. Construction Engineering Research Laboratory, Champaign, IL
24. Cold Regions Research and Engineering Lab, Hanover, NH
25. Topographic Engineering Center, Alexandria, VA
26. Waterways Experiment Station, Vicksburg, MS
27. USA Research Institute for Behavioral & Social Sciences, Alexandria, VA
28. Simulation, Training and Instrumentation Command (STRICOM), Orlando, FL

NAVY

1. Naval Air Warfare Center, Weapons Division, China Lake
2. Naval Air Warfare Center, Weapons Division, Point Mugu
3. Naval Air Warfare Center, Aircraft Division, Patuxent River
4. Naval Air Warfare Center, Aircraft Division, Indianapolis
5. Naval Air Warfare Center, Aircraft Division, Lakehurst
6. Naval Research Lab, Washington D.C.
7. Naval Research Lab Detachment, Bay St Louis
8. Naval Surface Warfare Center, Carderock Division, Bethesda
9. Naval Surface Warfare Center, Carderock Detachment, Annapolis
10. Naval Surface Warfare Center, Crane Division
11. Naval Surface Warfare Center, Crane Detachment, Louisville
12. Naval Surface Warfare Center, Dahlgren Division
13. Naval Surface Warfare Center, Dahlgren Detachment, Panama City
14. Naval Surface Warfare Center, Indian Head Division

15. Naval Surface Warfare Center, Port Hueneme Division
16. Naval Command, Control, and Ocean Surveillance Center, RDT&E Division, San Diego
17. Naval Command, Control, and Ocean Surveillance Center, In-Service Engineering, West Coast Division, San Diego
18. Naval Command, Control, and Ocean Surveillance Center, In-Service Engineering Division, Charleston
19. Naval Aerospace Medical Research Center, Pensacola
20. Naval Biodynamics Lab, New Orleans
21. Naval Dental Research Lab, Great Lakes
22. Naval Health Research Center, San Diego
23. Naval Medical Research Institute, Bethesda
24. Naval Undersea Warfare Center, Keyport Division, WA
25. Naval Surface Warfare Center, Carderock, Philadelphia Detachment
26. Naval Undersea Warfare Center, Newport, RI
27. Naval Undersea Warfare Center (Newport), New London, CT
28. Naval Personnel Research and Development Center, San Diego, CA

DEPARTMENT OF DEFENSE

1. Armed Forces Radiobiology Research Institute (AFRRI), Bethesda, MD

APPENDIX C

COMMON SUPPORT FUNCTIONS
(DEFINITIONS LISTED FOLLOWING PAGES)

Product Functions

1. Air Vehicles
   - Fixed
     - -- Structure
     - -- Propulsion
     - -- Avionics
     - -- Flight Subsystems
   - Rotary
     - -- Structure
     - -- Propulsion
     - -- Avionics
     - -- Flight Subsystems

2. Weapons
   - ICBMs/SLBMs
   - Conventional Missiles/Rockets
   - Cruise Missiles
   - Guided Projectiles
   - Bombs
   - Guns and Ammunition
   - Directed Energy
   - Chemical/Biological

3. Space Systems
   - Launch Vehicles
   - Satellites
   - Ground Control Systems

4. C4I Systems
   - Airborne C4I
   - Fixed Ground-Based C4I
   - Ground Mobile C4I

Pervasive Functions

1. Electronic Devices
2. Environmental Sciences
3. Infectious Diseases
4. Human Systems
5. Manpower and Personnel
6. Training Systems
7. Environmental Quality
8. Advanced Materials

DEFINITIONS

COMMON SUPPORT FUNCTIONS

Product Functions

1. **Air Vehicles**. Air vehicles are broken out into common support functions for fixed wing and rotary wing. Includes but not limited to all science and technology, demonstration and validation, engineering development, and production activities which support employment and in-service engineering of air vehicles. Included are all air vehicles including their application as UAV's and targets.

- Structures. Includes but not limited to all air vehicles structure technology, engineering and production efforts. Include technology and engineering practices which advance structural design and analysis; advanced structural concepts and fabrication techniques; and structural integrity.

- Propulsion. Includes but not limited to all technology, engineering and production efforts associated with air vehicle propulsion such as turbine engine, rotorcraft power drive, and hypersonic propulsion components. Such components include compressors, inlets and nozzles, turbines, mechanical systems and control, gears, bearings, shafts, and clutches. In addition, include associated subsystems activities such as turborocket, turboramjet and rotorcraft transmissions; and supporting technical and engineering disciplines.

- Avionics. Includes but not limited to all technology, engineering and production efforts associated with the air platform's integrated avionics system. The avionics suite includes but is not limited to weapon delivery systems, electronic warfare, navigation, communications, radar, electro-optic sensors, signal/data processing and associated software system and support. Includes efforts associated with developing the integrated avionics system (i.e. optimizing functional partitioning, distribution and integration of avionics/related functions).

- Flight Subsystems. Includes but not limited to all technology, engineering and production efforts for air vehicle support systems such as landing gear; transparent crew enclosures; egress systems; mechanical equipment integrity; electrical component integrity; subsystem integration; and aircraft power, pressurization, and temperature control systems.

2. Weapons. Includes but not limited to all science and technology, demonstration and validation, engineering development, and production activities which support employment and in-service engineering of ICBMs/SLBMs, conventional missiles and rockets, cruise missiles, guided projectiles, bombs, guns and ammunition, directed energy and chemical/biological munitions. Include with each weapon as appropriate, all related technology, engineering and production activities such as fusing/safe and arm, missile propulsion, warheads and explosives, and guidance and control.

3. Space. Includes but not limited to all science and technology, demonstration and validation, engineering development, and production activities which support employment and in-service engineering of launch vehicles, satellites and associated ground control systems (satellite control only; ground systems for telemetry of data included in C4I). Include under satellites, all technology, engineering and production activities associated with space communications and space-based surveillance (and associated sensors) and space-based C4I.

4. C4I. Includes but not limited to all science and technology, demonstration and validation, engineering development, and production activities which support employment and in-service engineering of airborne, fixed ground-based and mobile ground based C4I systems. Include all technology, engineering and production activities associated with communications networks, radios and links, distributed information systems, data fusion, decision aids, and associated computer architectures.

Pervasive Functions (6.1, 6.2, and 6.3)

1. Electronic Devices. Includes but not limited to all science and technology activities supporting development of semiconductor and superconductor materials for optoelectronic, acoustic and microwave devices. Include all associated electronic materials/device fabrication and processing.

2. Environmental Sciences. Includes but not limited to all science and technology activities to improve measurement, characterization and modeling of the earth atmosphere and space environment. Examples include global prediction systems, space effects, and celestial backgrounds/astronomical reference sources.

3. Infectious Diseases. Includes but not limited to all science and technology activities which preserve manpower and performance by the prevention and treatment of militarily important infectious diseases that occur naturally worldwide.

4. Human Systems. Includes but not limited to all science and technology activities to enable, protect, sustain and enhance human effectiveness in DOD operations. The focus of this pervasive, multi-disciplinary area is the human and therefore impacts all DOD systems and operations. This area includes: (1) human performance definition, assessment, and aiding; (2) physiologic bioeffects of toxic hazards, ionizing and non-ionizing radiation, biodynamic (bio-mechanical) stress, and extreme environments; (3) military operational medicine; and (4) generic, human-centered design standards/methodologies for crew station subsystems, information management and display, and life support.

5. Manpower and Personnel. Includes but not limited to all science and technology activities which support four broad areas: (1) selection and classification of DOD personnel (including pilots); (2) identification of operational tasks performed and requirements for skills, knowledge, and aptitudes; (3) matching the right people with the jobs they are best suited for according to the needs of DOD, (4) and developing techniques for measuring and enhancing the productivity of the operational force.

6. Training Systems. Includes but not limited to all science and technology which support training of personnel, including training strategies, devices and simulators, and computer aided intelligent tutoring systems.

7. Environmental Quality. Includes but not limited to all science and technology activities which support the development of technologies to reduce the environmental costs of DOD operations while ensuring mission accomplishment is not jeopardized by adverse environmental impacts. Specifically, this area encompasses technologies to: (1) identify and cleanup sites contaminated with hazardous materials as a result of DOD operations (cleanup); (2) ensure DOD compliance with current and anticipated local, national, and international environmental laws and treaties (compliance); (3) minimize DOD use of hazardous materials and reduce DOD hazardous waste generation (pollution prevention); and (4) provide for protection of natural resources under DOD stewardship (conservation).

8. Advanced Materials. Includes but not limited to all science and technology activities related to structural, high temperature, electromagnetic protection, electronic, magnetic, optical, and biomolecular materials. Note: excludes materials areas which were included in DDR&E decision of 18 Mar 94 related to the Army's Materials Research Facility at Aberdeen Proving Ground and the Navy's Materials Facility at Carderock.

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

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

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

Each individual in your activity generating information for the BRAC-95 process must certify that information. Enclosure (1) is provided for individual certifications and may be duplicated as necessary. You are directed to maintain those certifications at your activity for audit purposes. For 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

Thomas N. Jones, CAPT MSC USN	Thomas N. Jones
NAME (Please type or print)	Signature
Commanding Officer	5/2/94
Title	Date
Naval Health Research Center San Diego, CA	
Activity	

ENCLOSURE (4)

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

NEXT ECHELON LEVEL (if applicable)

CAPT E. T. FLYNN, MC, USN
NAME (Please type or print)

E. T. Flynn
Signature

COMMANDING OFFICER
Title

6 May 94
Date

NAVAL MEDICAL RESEARCH AND DEVELOPMENT COMMAND
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

RADM R. I. RIDENOUR
NAME (Please type or print)

R I Ridenour
Signature

ACTING CHIEF BUMED
Title

5-16-94
Date

BUREAU OF MEDICINE AND SURGERY
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)

J.B. Greene, Jr.
NAME (Please type or print)

J B Greene Jr.
Signature

Acting
Title

19 May 1994
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."

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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

CAPT Larry M. Dean	Larry M. Dean
NAME (Please type or print)	Signature
Commanding Officer	18 Jul 94
Title	Date
Naval Health Research Center	
Activity	

Revision pg 6, 6a, 7, 11, 14

ENCLOSURE (2)

Revision pg 6,6a,7,11,14

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

NEXT ECHELON LEVEL (if applicable)

T. N. JONES
NAME (Please type or print)

Signature

COMMANDING OFFICER
Title

21 July 94
Date

NAVAL MEDICAL RESEARCH AND DEVELOPMENT COMMAND
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

D. F. HAGEN, VADM,MC,USN
NAME (Please type or print)

Signature

CHIEF BUMED/SURGEON GENERAL
Title

7-27-94
Date

BUREAU OF MEDICINE AND SURGERY
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)

NAME (Please type or print)

Signature

Title

7/30/94
Date

CONTAINED W/ 9-13-94 REVISIONS

12 Sept 94

BRAC-95, DATA CALL # 12:

ACTIVITY: Naval Health Research Center, San Diego, CA - N63116

RESPONSE:

Naval Health Research Center had previously submitted enclosure (1), but will resubmit for your convenience. The data for tables 3.2.1, 3.2.2, 3.2.3 and 3.3.1.1 have been revised to include the "other" category, i.e., to include all organizational personnel not listed in the categories of "technician" and "Management (Supv)".

Note! Since table 3.2.3 request information on technician and management (Supv) only, no changes were made.

Submitted by CAPT Thomas J. Contreras, MSC, USN, (619) 553-8420, DSN 553-8420.

9-13-94 REVISIONS

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 y knowledge and believe."

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ACTIVITY COMMANDER

CAPT Larry M. Dean
NAME (Please type or print)

Larry M. Dean
Signature

Commanding Officer
Title

9.13.94
Date

Naval Health Research Center

Revision Pages 1, 10, 11, 12 plus Appendix A 1R thru 7R

9-13-94 REVISIONS

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

NEXT ECHELON LEVEL (if applicable)

T. N. JONES, CAPT, MSC, USN

NAME (Please type or print)

Signature T N Jones

COMMANDING OFFICER

Title

Date 20 Sept 94

NAVAL MEDICAL RESEARCH & DEVELOPMENT COMMAND

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

Title

Date

Activity

9-13-94 REVISIONS

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.

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

D. F. HAGEN, VADM, MC, USN

NAME (Please type or print) — Signature

CHIEF BUMED/SURGEON GENERAL

Title — Date 9-20-94

BUREAU OF MEDICINE & SURGERY

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 — Date 9/21/94

Document Separator

DATA CALL 66
INSTALLATION RESOURCES

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Activity Information:

Activity Name:	Naval Health Research Center
UIC:	63116
Host Activity Name (if response is for a tenant activity):	Naval Command, Control and Ocean Surveillance Center, RDT+E Division, San Diego
Host Activity UIC:	66001

General Instructions/Background. A separate response to this data call must be completed for each Department of the Navy (DON) host, independent and tenant activity which separately budgets BOS costs (regardless of appropriation), and, is located in the United States, its territories or possessions.

1. Base Operating Support (BOS) Cost Data. Data is required which captures the total annual cost of operating and maintaining Department of the Navy (DON) shore installations. Information must reflect FY 1996 budget data supporting the FY 1996 NAVCOMPT Budget Submit. Two tables are provided. Table 1A identifies "Other than DBOF Overhead" BOS costs and Table 1B identifies "DBOF Overhead" BOS costs. These tables must be completed, as appropriate, for all DON host, independent or tenant activities which separately budget BOS costs (regardless of appropriation), and, are located in the United States, its territories or possessions. Responses for DBOF activities may need to include both Table 1A and 1B to ensure that all BOS costs, including those incurred by the activity in support of tenants, are identified. If both table 1A and 1B are submitted for a single DON activity, please ensure that no data is double counted (that is, included on both Table 1A and 1B). The following tables are designed to collect all BOS costs currently budgeted, regardless of appropriation, e.g., Operations and Maintenance, Research and Development, Military Personnel, etc. Data must reflect FY 1996 and should be reported in thousands of dollars.

a. Table 1A - Base Operating Support Costs (Other Than DBOF Overhead). This Table should be completed to identify "Other Than DBOF Overhead" Costs. Display, in the format shown on the table, the O&M, R&D and MPN resources currently budgeted for BOS services. O&M cost data must be consistent with data provided on the BS-1 exhibit. Report only direct funding for the activity. Host activities should not include reimbursable support provided to tenants, since tenants will be separately reporting these costs. Military personnel costs should be included on the appropriate lines of the table. Please ensure that individual lines of the table do not include duplicate costs. Add additional lines to the table (following line 2j., as necessary, to identify any additional cost elements not currently shown). **Leave shaded areas of table blank.**

DATA CALL 66
INSTALLATION RESOURCES

Table 1A - Base Operating Support Costs (Other Than DBOF Overhead)			
Activity Name:NAVHLTHRSCHCEN		UIC:63116	
Category	FY 1996 BOS Costs ($000)		
	Non-Labor	Labor	Total
1. Real Property Maintenance Costs:			
1a. Maintenance and Repair	100	0	100
1b. Minor Construction	142.6	0	142.6
1c. Sub-total 1a. and 1b.	242.6		242.6
2. Other Base Operating Support Costs:			
2a. Utilities	80	0	80
2b. Transportation	10	33.2	43.2
2c. Environmental	0	0	0
2d. Facility Leases	0	0	0
2e. Morale, Welfare & Recreation	0	0	0
2f. Bachelor Quarters	0	0	0
2g. Child Care Centers	0	0	0
2h. Family Service Centers	6	0	0
2i. Administration	510.	1369.8	1879.8
2j. Other (Specify) Telephones	165	0	165.0
2k. Sub-total 2a. through 2j:	765.0	1403.0	2168.0
3. Grand Total (sum of 1c. and 2k.):	1007.6	1403.0	2410.6

DATA CALL 66
INSTALLATION RESOURCES

b. Funding Source. If data shown on Table 1A reflects more than one appropriation, then please provide a break out of the total shown for the "3. Grand-Total" line, by appropriation:

Appropriation	Amount ($000)
N/A	

c. Table 1B - Base Operating Support Costs (DBOF Overhead). This Table should be submitted for all current DBOF activities. Costs reported should reflect BOS costs supporting the DBOF activity itself (usually included in the G&A cost of the activity). For DBOF activities which are tenants on another installation, total cost of BOS incurred by the tenant activity for itself should be shown on this table. It is recognized that differences exist among DBOF activity groups regarding the costing of base operating support: some groups reflect all such costs only in general and administrative (G&A), while others spread them between G&A and production overhead. Regardless of the costing process, all such costs should be included on Table 1B. The Minor Construction portion of the FY 1996 capital budget should be included on the appropriate line. Military personnel costs (at civilian equivalency rates) should also be included on the appropriate lines of the table. Please ensure that individual lines of the table do not include duplicate costs. Also ensure that there is no duplication between data provided on Table 1A. and 1B. These two tables must be mutually exclusive, since in those cases where both tables are submitted for an activity, the two tables will be added together to estimate total BOS costs at the activity. Add additional lines to the table (following line 21., as necessary, to identify any additional cost elements not currently shown). **Leave shaded areas of table blank.**

Other Notes: All costs of operating the five Major Range Test Facility Bases at DBOF activities (even if direct RDT&E funded) should be included on Table 1B. Weapon Stations should include underutilized plant capacity costs as a DBOF overhead "BOS expense" on Table 1B..

DATA CALL 66
INSTALLATION RESOURCES

Table 1B - Base Operating Support Costs (DBOF Overhead)			
Activity Name: N/A		UIC:	
Category	FY 1996 Net Cost From UC/FUND-4 ($000)		
	Non-Labor	Labor	Total
1. Real Property Maintenance Costs:			
1a. Real Property Maintenance (>$15K)			
1b. Real Property Maintenance (<$15K)			
1c. Minor Construction (Expensed)			
1d. Minor Construction (Capital Budget)			
1c. Sub-total 1a. through 1d.			
2. Other Base Operating Support Costs:			
2a. Command Office			
2b. ADP Support			
2c. Equipment Maintenance			
2d. Civilian Personnel Services			
2e. Accounting/Finance			
2f. Utilities			
2g. Environmental Compliance			
2h. Police and Fire			
2i. Safety			
2j. Supply and Storage Operations			
2k. Major Range Test Facility Base Costs			
2l. Other (Specify)			
2m. Sub-total 2a. through 2l:			
3. Depreciation			
4. Grand Total (sum of 1c., 2m., and 3.) :			

DATA CALL 66
INSTALLATION RESOURCES

2. Services/Supplies Cost Data. The purpose of Table 2 is to provide information about projected **FY 1996** costs for the purchase of services and supplies by the activity. **(Note: Unlike Question 1 and Tables 1A and 1B, above, this question is not limited to overhead costs.)** The source for this information, where possible, should be either the NAVCOMPT OP-32 Budget Exhibit for O&M activities or the NAVCOMPT UC/FUND-1/IF-4 exhibit for DBOF activities. Information must reflect FY 1996 budget data supporting the FY 1996 NAVCOMPT Budget Submit. Break out cost data by the major sub-headings identified on the OP-32 or UC/FUND-1/IF-4 exhibit, disregarding the sub-headings on the exhibit which apply to civilian and military salary costs and depreciation. Please note that while the OP-32 exhibit aggregates information by budget activity, this data call requests OP-32 data for the activity responding to the data call. Refer to NAVCOMPTINST 7102.2B of 23 April 1990, Subj: Guidance for the Preparation, Submission and Review of the Department of the Navy (DON) Budget Estimates (DON Budget Guidance Manual) with Changes 1 and 2 for more information on categories of costs identified. Any rows that do not apply to your activity may be left blank. However, totals reported should reflect all costs, exclusive of salary and depreciation.

Table 2 - Services/Supplies Cost Data

Activity Name:	**UIC:**
Cost Category	**FY 1996 Projected Costs ($000)**
Travel:	350
Material and Supplies (including equipment):	1419
Industrial Fund Purchases (other DBOF purchases):	701
Transportation:	10
Other Purchases (Contract support, etc.):	4675
Total:	7155

DATA CALL 66
INSTALLATION RESOURCES

3. Contractor Workyears.

a. **On-Base Contract Workyear Table.** Provide a projected estimate of the number of contract workyears expected to be **performed "on base"** in support of the installation during FY 1996. Information should represent an annual estimate on a full-time equivalency basis. Several categories of contract support have been identified in the table below. While some of the categories are self-explanatory, please note that the category "mission support" entails management support, labor service and other mission support contracting efforts, e.g., aircraft maintenance, RDT&E support, technical services in support of aircraft and ships, etc.

Table 3 - Contract Workyears	
Activity Name:	**UIC:**
Contract Type	**FY 1996 Estimated Number of Workyears On-Base**
Construction:	0
Facilities Support:	0
Mission Support:	70
Procurement:	0
Other:*	0
Total Workyears:	70

* **Note:** Provide a brief narrative description of the type(s) of contracts, if any, included under the "Other" category.

DATA CALL 66
INSTALLATION RESOURCES

b. Potential Disposition of On-Base Contract Workyears. If the mission/functions of your activity were relocated to another site, what would be the anticipated disposition of the **on-base contract workyears** identified in Table 3.?

1) Estimated number of contract workyears which would be transferred to the receiving site (This number should reflect the number of jobs which would in the future be contracted for at the receiving site, not an estimate of the number of people who would move or an indication that work would necessarily be done by the same contractor(s)): 70

2) Estimated number of workyears which would be eliminated:

0

3) Estimated number of contract workyears which would remain in place (i.e., contract would remain in place in current location even if activity were relocated outside of the local area):

0

DATA CALL 66
INSTALLATION RESOURCES

c. "Off-Base" Contract Workyear Data. Are there any contract workyears located in the local community, but not on-base, which would either be eliminated or relocated if your activity were to be closed or relocated? If so, then provide the following information **(ensure that numbers reported below do not double count numbers included in 3.a. and 3.b., above)**: No

No. of Additional Contract Workyears Which Would Be Eliminated	General Type of Work Performed on Contract (e.g., engineering support, technical services, etc.)
N/A	

No. of Additional Contract Workyears Which Would Be Relocated	General Type of Work Performed on Contract (e.g., engineering support, technical services, etc.)
N/A	

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

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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

Larry M. Dean
NAME (Please type or print)

Larry M. Dean
Signature

Commanding Officer
Title

15 Jul 94
Date

Naval Health Research 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.

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

D. F. HAGEN, VADM, MC, USN

NAME (Please type or print) x D F Hagen Signature

CHIEF BUMED/SURGEON GENERAL

Title 7-25-94 Date

BUREAU OF MEDICINE & SURGERY

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 04 AUG 1994 Date

DATA CALL 1: GENERAL INSTALLATION INFORMATION

1. ACTIVITY: Follow example as provided in the table below (*delete the examples when providing your input*). If any of the questions have multiple responses, please provide all. If any of the information requested is subject to change between now and the end of Fiscal Year (FY) 1995 due to known redesignations, realignments/closures or other action, provide current and projected data and so annotate.

- Name

Official name	*Naval Health Research Center, San Diego, CA*
Acronym(s) used in correspondence	*NAVHLTHRSCHCEN*
Commonly accepted short title(s)	*NHRC*

- Complete Mailing Address

Naval Health Research Center
P. O. Box 85122
San Diego, CA 92186-5122

- PLAD
NAVHLTHRSCHCEN SAN DIEGO CA

- PRIMARY UIC: 63116 (Plant Account UIC for Plant Account Holders)

  Enter this number as the Activity identifier at the top of each Data Call response page.

- ALL OTHER UIC(s): N/A PURPOSE: N/A

2. PLANT ACCOUNT HOLDER:

- Yes X No _____ (check one)

3. ACTIVITY TYPE: Choose most appropriate type that describes your activity and completely answer all questions.

• HOST COMMAND: A host command is an activity that provides facilities for its own functions and the functions of other (tenant) activities. A host has accountability for Class 1 (land), and/or Class 2 (buildings, structures, and utilities) property, regardless of occupancy. It can also be a tenant at other host activities.

· Yes ____ No _X_ (check one)

• TENANT COMMAND: A tenant command is an activity or unit that occupies facilities for which another activity (i.e., the host) has accountability. A tenant may have several hosts, although one is usually designated its primary host. If answer is "Yes," provide best known information for your primary host only.

· Yes _X_ No ____ (check one)

· Primary Host (current) UIC: 66001

· Primary Host (as of 01 Oct 1995) UIC: 66001

· Primary Host (as of 01 Oct 2001) UIC: 66001

• INDEPENDENT ACTIVITY: For the purposes of this Data Call, this is the "catch-all" designator, and is defined as any activity not previously identified as a host or a tenant. The activity may occupy owned or leased space. Government Owned/Contractor Operated facilities should be included in this designation if not covered elsewhere.

· Yes ____ No _X_ (check one)

4. SPECIAL AREAS: List all Special Areas. Special Areas are defined as Class 1/Class 2 property for which your command has responsibility that is not located on or contiguous to main complex.

Name	Location	UIC
N/A		

5. DETACHMENTS: If your activity has detachments at other locations, please list them in the table below.

Name	UIC	Location	Host name	Host UIC
N/A				

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.

NAVHLTHRSCHCEN was affected by BRAC-93. With closure of the Naval Training Center, San Diego, BRAC-93 included a MILCON for relocation of our Psychophysiology Laboratory at Fleet Combat Training Center, Pacific on Pt. Loma. Completion of MILCON is expected in FY96. MILCON is funded at $680K and $629K for relocation of equipment.

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

- Medical Operations Research:
  Provide medical managers and planners the tools and information to project the requirements for beds, medical personnel, and supplies for theater-specific military operations.

- Operational Epidemiology:
  Provide comprehensive, health-related information which predicts disease and injury and develop the interventions that can be used to maintain force readiness.

- Medical and Performance Modeling:
  Model the impact of illnesses, injuries, or physiological factors on mission capabilities.

- Operational Performance Assessment and Enhancement (Special Operations)
  Develop biomedical aids and countermeasures to enhance critical task performance in projected operational environments.

- Medical Informatics:
  Application of computer technology to medical practices to expedite the capture and retrieval of medical information, develop expert systems for decision support, and enhance communication capabilities to provide mentoring and telemedicine support.

* Health Promotion:
  Describe the relationship between life-style factors and force readiness, and evaluate military programs designed to modify behaviors which will increase force readiness and decrease health-care costs.

* Readiness Standards:
  Determination of physical, behavioral, and cognitive profiles that predict optimal performance of military jobs.

* Effects of SUSOPS/CONOPS:
  Investigate the effects of sleep deprivation, circadian rythms, and environmental stressors on physiology and behavior during sustained operations (SUSOPS)/continuous operations (CONOPS).

Projected Missions for FY 2001

NHRC will build upon its current missions which will evolve into the following:

- Product Evaluation and Transition:
  Provide the facility, expertise, and experienced personnel essential to effect thorough evaluations and credible transitions of medical interventions and R&D products specific to Navy and Marine Corps personnel operating in maritime and littoral environments.

- Medical Readiness Assessment:
  Refine and develop comprehensive and robust measures to assess and assist the medical readiness of Navy and Marine Corps Forces to perform combat and humanitarian operations.

- Human Performance Management:
  Devise methods for obtaining peak performance during critical operational periods and extending human capacity and vigilance during combat operations.

- Operational Epidemiology Interventions:
  Conduct the monitoring needed to determine the amount and type of illness and injuries within military populations and to design and implement intervention strategies for reducing mortality and morbidity.

- Medical System Optimization:
  Develop methods and models to optimize the configuration of personnel, facilities, equipment, supplies, and communications for the promotion of health provision of medical care.

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

- Medical Operations Research:
  Medical Operations Research is a program developed at NHRC which provides medical planners with information and models generally not available in any other medical research facility in or outside the government.

- Operational Epidemiology:
  Operational Epidemiology provides the unique capability to assess illness rates within Navy and Marine Corps by accessing "DoD unique" in-house databases, e.g, HIV Central Registry, Navy and Marine Corps hospitalization records, historical ship movement employment files, etc, for the past 25 years. NHRC's location in San Diego gives unique access to the Pacific Fleet, Marine Corps populations, shore based military facilities, and viable access/interactions with local civilian academic and scientific communities.

* Effects of SUSOPS/CONOPS:
  A unique element of this mission is the development of alertness monitoring of Navy and U.S. Marine Corps unique systems.

* Medical and Performance Modeling:
  Modeling of effects of operational environments on human cognitive and physical performance is unique to DoD.

Projected Unique Missions for FY 2001

- Product Evaluation and Transition:
  NHRC is uniquely positioned to evaluate and transition medical R&D products, due to its proximity to Navy shore, surface, submarine, air, Special Operations, medical, and Marine Corps elements. Furthermore, current and past research at these facilities has earned NHRC a credibility with the fleet needed to achieve the cooperation for successful field test and evaluation and acceptance of final products. Downsizing will result in NHRC being the only remaining medical R&D facility strategically positioned with all branches of the Navy and USMC operational forces.

- Medical Readiness Assessment:
  Development of relevant measures of effectiveness requires the unique combination of knowledge and expertise of NHRC. NHRC personnel have both the knowledge and understanding of military medical requirements and operations, and expertise in medical research methodology.

- Medical Monitoring and Interventions:
  NHRC is the only agency where medical records are routinely combined with personnel data and ship movement data so that illness rates for Navy and Marine Corps populations can be determined.

- Human Performance Management:
  NHRC's unique human performance models improve the efficiency of human performance research programs by allowing investigators to focus their follow-on studies in areas where knowledge gaps exist.

* Medical System Optimization:
  With the down sizing of military forces, the introduction of new equipment and information technology, and the change in military threat, tools will be needed to evaluate the impact of new combinations of the above factors on clinical outcomes.

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 Medical Research and Development Command	00075

• Funding Source	UIC
Same	

10. PERSONNEL NUMBERS: Host activities are responsible for totalling the personnel numbers for all of their tenant commands, even if the tenant command has been asked to separately report the data. The tenant totals here should match the total tally for the tenant listing provided subsequently in this Data Call (see Tenant Activity list). (Civilian count shall include Appropriated Fund personnel only.)

On Board Count as of 01 January 1994

	Officers	Enlisted	Civilian (Appropriated)
• Reporting Command	14	12	58
• Tenants (total)	~~14~~	~~12~~	~~58~~

MED-826 GSA 6/27/94

Authorized Positions as of 30 September 1994

	Officers	Enlisted	Civilian (Appropriated)
• Reporting Command	12	~~7~~ 10	61
• Tenants (total)	~~12~~	7	~~61~~

MED-826 GSA 6/27/94

11. KEY POINTS OF CONTACT (POC): Provide the work, FAX, and home telephone numbers for the Commanding Officer or OIC, and the Duty Officer. Include area code(s). You may provide other key POCs if so desired in addition to those above.

Title/Name	Office	Fax	Home
• CO/OIC			
CO CAPT Larry M. Dean	(619) 553-8429	(619) 553-9389	(619) 226-0328 ex 6138
• Duty Officer N/A			[N/A]
•			
XO CAPT Thomas J. Contreras	(619) 553-8420	(619) 553-9389	(619) 672-1735
•			
_____			

12. TENANT ACTIVITY LIST: This list must be all-inclusive. Tenant activities are to ensure that their host is aware of their existence and any "subleasing" of space. This list should include the name and UIC(s) of all organizations, shore commands and homeported units, active or reserve, DOD or non-DOD (include commercial entities). The tenant listing should be reported in the format provide below, listed in numerical order by UIC, separated into the categories listed below. Host activities are responsible for including authorized personnel numbers, on board as of **30 September 1994**, for all tenants, even if those tenants have also been asked to provide this information on a separate Data Call. (Civilian count shall include Appropriated Fund personnel only.)

N/A NAVHLTHRSCHCEN is a tentant command.

• Tenants residing on main complex (shore commands)

Tenant Command Name	UIC	Officer	Enlisted	Civilian

• Tenants residing on main complex (homeported units.)

Tenant Command Name	UIC	Officer	Enlisted	Civilian

• Tenants residing in Special Areas (Special Areas are defined as real estate owned by host command not contiguous with main complex; e.g. outlying fields).

Tenant Command Name	UIC	Location	Officer	Enlisted	Civilian

• Tenants (Other than those identified previously)

Tenant Command Name	UIC	Location	Officer	Enlisted	Civilian

13. REGIONAL SUPPORT: Identify your relationship with other activities, not reported as a host/tenant, for which you provide support. Again, this list should be all-inclusive. The intent of this question is capture the full breadth of the mission of your command and your customer/supplier relationships. Include in your answer any Government Owned/Contractor Operated facilities for which you provide administrative oversight and control.

Activity name	Location	Support function (include mechanism such as ISSA, MOU, etc.)
N/A NHRC is a Tenant Command		

14. FACILITY MAPS: This is a primary responsibility of the plant account holders/host commands. Tenant activities are not required to comply with submission if it is known that your host activity has complied with the request. Maps and photos should not be dated earlier than 01 January 1991, unless annotated that no changes have taken place. Any recent changes should be annotated on the appropriate map or photo. Date and label all copies.

- Local Area Map. This map should encompass, at a minimum, a 50 mile radius of your activity. Indicate the name and location of all DoD activities within this area, whether or not you support that activity. Map should also provide the geographical relationship to the major civilian communities within this radius. (Provide 12 copies.)

- Installation Map / Activity Map / Base Map / General Development Map / Site Map. Provide the most current map of your activity, clearly showing all the land under ownership/control of your activity, whether owned or leased. Include all outlying areas, special areas, and housing. Indicate date of last update. Map should show all structures (numbered with a legend, if available) and all significant restrictive use areas/zones that encumber further development such as HERO, HERP, HERF, ESQD arcs, agricultural/forestry programs, environmental restrictions (e.g., endangered species). (Provide in two sizes: 36"x 42" (2 copies, if available); and 11"x 17" (12 copies).)

- Aerial photo(s). Aerial shots should show all base use areas (both land and water) as well as any local encroachment sites/issues. You should ensure that these photos provide a good look at the areas identified on your Base Map as areas of concern/interest - remember, a picture tells a thousand words. Again, date and label all copies. (Provide 12 copies of each, 8½"x 11".)

- Air Installations Compatible Use Zones (AICUZ) Map. (Provide 12 copies.)

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

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

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

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

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

ACTIVITY COMMANDER

CAPT Larry M. Dean	Larry M. Dean
NAME (Please type or print)	Signature
Commanding Officer	23 Jun 1994
Title	Date
Naval Health Research 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.

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

D. F. HAGEN, VADM, MC, USN

NAME (Please type or print) | Signature

CHIEF BUMED/SURGEON GENERAL | 6-30-94

Title | Date

BUREAU OF MEDICINE & SURGERY

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)

J. B. GREENE, JR.

NAME (Please type or print) | Signature

ACTING | 06 JUL 1994

Title | Date

Document Separator

CAPACITY ANALYSIS:
DATA CALL #4 WORK SHEET FOR
TECHNICAL CENTER or LABORATORY: NAVHLTHRSCHCEN

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TAB A: Ship Berthing Capacity
TAB B: Operational Airfield Capacity
TAB C: Depot Level Maintenance Capacity
TAB D: Ordnance Storage Capacity

**********If any responses are classified, attach a separate classified annex. **********

7 April 1994

ENCLOSURE (1)

1. Historical and Projected Workload. Use Tables 1.1, 1.2, 1.3 & 1.4 below to provide historical and currently projected workload data for your activity in terms of funding and workyears. Assume previous BRAC closures and realignments are implemented on schedule. Dollar amounts should be in then-year dollars. Workyears should be separated for in-house government efforts and on-site contractor work.

a. Use Table 1.1 to provide data on your site.

b. Use Table 1.2 to provide data on your Detachments that did not receive this Data Call directly. Compile the information from all of these Detachments into one table. Attach a list of the titles & UIC's of the Detachments included in the table.

c. For FY's 1993 thru 1997 provide a breakout of the "Total Funds Budgeted" line showing the appropriation and amounts of funding budgeted from your major customers. Major resource Sponsors are defined as, but not limited to, all systems commands, ONR, SSPO, CNO, FLT CINCs, Other DON, Other DOD by Department, Other Federal Government, All other. Use Table 1.3 to report this breakout for your site. Use Table 1.4 to report this breakout for your compiled Detachments that did not receive this Data Call directly. Provide separate tables for FY's 1993 thru 1997.

Use the following definitions when providing data for the tables below:

Workyears: Consistent with those used in the preparation of inputs to the President's budget.

In-House government efforts or In-House workyears: Includes both military and civil servant employees

On-Site Contractor workyears: Actual or estimated workyears performed by support contractors with workyears defined consistent with the definition used in the President's budget.

On-site Contractors: Those contractors that occupy space directly on the site on nearly a full time basis.

Total Funds Budgeted: The funds used as inputs to the President's Budget.

Civilian Personnel On-Board: Full Time Permanent employees (FTP).

Table 1.1 Historical and Projected Workload for NAVHLTHRSCHCEN
(UIC 63116)

Fiscal Year	Total Funds Budgeted ($K)	Total Funds Received w/o Direct Cite ($K)	Direct Cite Funds Received ($K)	Budgeted Wkyrs	Actual In-House Wkyrs	Actual Onsite Contract Wkyrs
86	4369	4201	0	110	88	19
87	4311	4354	0	110	88	25
88	4672	4287	0	110	88	20
89	5387	5389	0	115	95	25
90	5774	5659	0	125	96	30
91	7430	6917	0	140	97	35
92	8205	7594	0	150	93	50
93	8840	8790	0	155	86	60
94	9124			150		
95	10300			160		
96	10500			163		
97	10750			165		

Table 1.2 Historical and Projected Workload for Detachments of NAVHLTHRSCHCEN
(UIC 63116)
NOT APPLICABLE

Fiscal Year	Total Funds Budgeted ($K)	Total Funds Received w/o Direct Cite ($K)	Direct Cite Funds Received ($K)	Budgeted Wkyrs	Actual In-House Wkyrs	Actual Onsite Contract Wkyrs
86						
87						
88						
89						
90						
91						
92						
93						
94						
95						
96						
97						

TABLE 1.3 FY 1993 BREAKOUT OF FUNDS BUDGETED for NAVHLTHRSCHCEN (UIC 63116)

SPONSOR	RDT&E(N)							Other RDT&E	Other Appropriation						
	6.1	6.2	6.3a	6.3b	6.4	6.5	6.6		OMN	APN	OPN	WPN	SCN	Other Navy	All Other
NMRDC	501	1703	3622			540		757							
NNMC														630	
ONR	111	37													
NAVFAC									325						
NAVSEA			136											60	
NAVPERS									125					44	
NAVMED														25	
NRL								20							
NEOD		100													
NADNI										54					

TABLE 1.3 FY 1994 BREAKOUT OF FUNDS BUDGETED for NAVHLTHRSCHCEN (UIC 63116)

SPONSOR	RDT&E(N)							Other RDT&E	Other Appropriation						
	6.1	6.2	6.3a	6.3b	6.4	6.5	6.6		OMN	APN	OPN	WPN	SCN	Other Navy	All Other
NMRDC	467	848	3877			565		1736							
NNMC														585	
ONR	38	116													
NAVFAC									325						
NAVSEA			150												
NAVPERS									146					56	
NAVMED									40						
HLTH AFFAIRS															150
NEOD		5													
MCSC		30													

TABLE 1.4 FY 1995 BREAKOUT OF FUNDS BUDGETED for DETACHMENTS of NAVHLTHRSCHCEN (UIC 63116)

SPONSOR	RDT&E(N)							Other RDT&E	Other Appropriation						
	6.1	6.2	6.3a	6.3b	6.4	6.5	6.6		OMN	APN	OPN	WPN	SCN	Other Navy	All Other
NMRDC	231	650	3371			548		4450							
NNMC														500	
ONR		125													
NAVFAC									300						
NAVPERS									125						

TABLE 1.4 FY 1996 BREAKOUT OF FUNDS BUDGETED for DETACHMENTS of NAVHLTHRSCHCEN (UIC 63116)

SPONSOR	RDT&E(N)							Other RDT&E	Other Appropriation						
	6.1	6.2	6.3a	6.3b	6.4	6.5	6.6		OMN	APN	OPN	WPN	SCN	Other Navy	All Other
NMRDC	225	650	4000			500		4750							
NNMC														375	

TABLE 1.4 FY 1997 BREAKOUT OF FUNDS BUDGETED for DETACHMENTS of NAVHLTHRSCHCEN (UIC 63116)

SPONSOR	RDT&E(N)							Other RDT&E	Other Appropriation						
	6.1	6.2	6.3a	6.3b	6.4	6.5	6.6		OMN	APN	OPN	WPN	SCN	Other Navy	All Other
NMRDC	350	650	4000			500		4500							

2. Current Class 2 Assets. Complete Tables 2.1 thru 2.6 below as directed. Tables 2.1, 2.2 & 2.3 will define the Class 2 property owned or leased by your activity (less Detachments). Tables 2.4, 2.5 & 2.6 will define the combined Class 2 assets owned or occupied at your Detachment sites which did not receive this Data Call directly. Report space holdings and assignments as of 31 March 1994. Provide numbered notes to explain imminent changes, additions & deletions such as previous BRAC realignments, MILCON (including BRAC related MILCON) & Special Projects that are currently programmed in the FYDP. Give the project number & title, cost, short description, quantity of additional square footage, award date, estimated/actual construction start date and estimated BOD. Square footage of space is to be reported in "Gross Floor/Building Area" (GF/BA) as defined in NAVFAC P-80. Many of the P-80 Category Code Numbers (CCN's) have assets that are reported in units of measure other than square feet (SF). The only unit of measure desired for this Data Call is SF. Only report the assets in each CCN that are normally reported in SF.

For your Site: Naval Health Research Center, San Diego, CA

a. Use Table 2.1 below to indicate the total amount of Class 2 space at your site for which you are the plant account holder as of 31 March 1994.

b. Use Table 2.2 below to indicate the total amount of your Class 2 space reported in Table 2.1 that is assigned to your tenant commands and/or independent activities at your site as of 31 March 1994.

c. Use Table 2.3 below to indicate the total amount of Class 2 space, for which you are not the plant account holder, but which is utilized/leased by you (less Detachments). Provide numbered notes to identify the title and UIC of the plant account holder/lessor, quantity of leased space and the associated lease cost.

Table 2.1 Main Site Class 2 Assets of NAVHLTHRSCHCEN (UIC 63116)
Host Command NRaD will provide this information.

Building type	NAVFAC (P-80) category code	Gross Floor/Building Area (KSF)			
		Adequate	Sub-standard	In-adequate	Total
Operational & Training	100				
Maintenance & Production	200				
Science labs	310				
Aircraft labs	311				
Missile and Space labs	312				
Ship and Marine labs	313				
Ground Transportation labs	314				
Weapon and Weapon Systems labs	315				
Ammunition, Explosives, & Toxics labs	316				
Electrical Equip. labs	317				
Propulsion labs	318				
Miscellaneous labs	319				
Underwater Equip. labs	320				
Technical Services labs	321				
Supply Facilities	400				
Hospital & other Medical	500				
Administrative Facilities	600				
Housing & Community	700				
Utilities & Grounds	800				
Other					

Totals				

d. In accordance with NAVFACINST 11010.44E, an Inadequate facility cannot be made Adequate for its present use through "economically justifiable means". For all the categories above where Inadequate facilities are identified provide the following information: **Host command, NRaD, will provide this information.**

(1) FACILITY TYPE/CODE:
(2) WHAT MAKES IT INADEQUATE?
(3) WHAT USE IS BEING MADE OF THE FACILITY?
(4) WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?
(5) WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?
(6) CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:
(7) HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP?

Table 2.2 Main Site Class 2 Space of _____ (UIC _____)
Assigned to Tenants

TENANT		NAVFAC (P-80) Category Code	GF/BA Assigned (KSF)
Name	UIC		
Not applicable			
		Total:	

Table 2.3 Class 2 Space Utilized/Leased by NAVHLTHRSCHCEN_ (UIC 63116_)

Building type	NAVFAC (P-80) category code	GF/BA (KSF)			
		Adequate	Sub-standard	In-adequate	Total
Operational & Training	100				
Maintenance & Production	200				
Science labs	310	14,950	9,440	7,174	31,564
Aircraft labs	311				
Missile and Space labs	312				
Ship and Marine labs	313				
Ground Transportation labs	314				
Weapon and Weapon Systems labs	315				
Ammunition, Explosives, and Toxics labs	316				
Electrical Equip. labs	317				
Propulsion labs	318				
Miscellaneous labs	319				
Underwater Equip. labs	320				
Technical Services labs	321				
Supply Facilities	400				
Hospital & other Medical	500				
Administrative Facilities	600	7,930		4,720	12,650
Housing & Community	700				
Utilities & Grounds	800				
Other			117		117
	Totals	22,880	9,557	11,894	44,331

For your Detachment sites not receiving this Data Call directly:

Host command NRaD will provide this information.

e. Use Table 2.4 below to indicate the combined total amount of Class 2 space that is occupied by your Detachments for which you are the plant account holder as of 31 March 1994. Attach a list with the titles and UIC's of these Detachments.

f. Use Table 2.5 below to indicate the total amount of your Class 2 space reported in Table 2.4 that is assigned to tenant commands and/or independent activities as of 31 March 1994. Include numbered notes to indicate the Detachment site that hosts the tenant.

g. Use Table 2.6 below to indicate the combined total amount of Class 2 space utilized/leased by your Detachments for which you are not the plant account holder. Provide numbered notes to indicate the quantity of leased space and their associated rental cost.

Not applicable. Table 2.4 Class 2 Assets of _____ Occupied by Detachments

Building type	NAVFAC (P-80) category code	GF/BA (KSF)			
		Adequate	Sub-standard	In-adequate	Total
Operational & Training	100				
Maintenance & Production	200				
Science labs	310				
Aircraft labs	311				
Missile and Space labs	312				
Ship and Marine labs	313				
Ground Transportation labs	314				
Weapon and Weapon Systems labs	315				
Ammunition, Explosives, and Toxics labs	316				
Electrical Equip. labs	317				
Propulsion labs	318				
Miscellaneous labs	319				
Underwater Equip. labs	320				
Technical Services labs	321				
Supply Facilities	400				
Hospital & other Medical	500				
Administrative Facilities	600				
Housing & Community	700				
Utilities & Grounds	800				
Other					

Totals				

h. In accordance with NAVFACINST 11010.44E, an Inadequate facility cannot be made Adequate for its present use through "economically justifiable means". For all the categories above where Inadequate facilities are identified provide the following information: **Host command NRaD will provide this information.**

(1) FACILITY TYPE/CODE:
(2) WHAT MAKES IT INADEQUATE?
(3) WHAT USE IS BEING MADE OF THE FACILITY?
(4) WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?
(5) WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?
(6) CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:
(7) HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP?

Table 2.5 Class 2 Space at Detachment Sites of _____ (UIC _____)
Assigned to Tenants

TENANT		NAVFAC (P-80) Category Code	GF/BA (KSF) Assigned
Name	**UIC**		
Not applicable.			
		Total:	

Not applicable. 2.6 Class 2 Space Utilized/Leased by Detachments of _____ (UIC _____)

Building type	NAVFAC (P-80) category code	GF/BA (KSF)			
		Adequate	Sub-standard	In-adequate	Total-adequateTota
Operational & Training	100				
Maintenance & Production	200				
Science labs	310				
Aircraft labs	311				
Missile and Space labs	312				
Ship and Marine labs	313				
Ground Transportation labs	314				
Weapon and Weapon Systems labs	315				
Ammunition, Explosives, and Toxics labs	316				
Electrical Equip. labs	317				
Propulsion labs	318				
Miscellaneous labs	319				
Underwater Equip. labs	320				
Technical Services labs	321				
Supply Facilities	400				
Hospital & other Medical	500				
Administrative Facilities	600				
Housing & Community	700				
Utilities & Grounds	800				
Other					
	Totals				

3. Class 2 Space Available for Expansion. An activity's expansion capability is a function of it's ability to reconfigure and/or expand existing facilities to accept new or increased roles. Such a reconfiguration may require rehabilitation or buildout of a space to support the new or expanded role. A space expansion could include converting an underutilized storage space into laboratory spaces, or buildout of a high bay area into a multifloor office/laboratory space. All questions refer to Class 2 property for which you are the plant account holder as of 31 March 1994. Do not report any currently programmed changes or additions previously reported in question #2 above. Expansion opportunities must follow the guidance of NAVFAC P-80 for the appropriate facility category code, as well as applicable fire and safety codes. Personnel loading density should not exceed those specified in the P-80. Space is only available if it is currently unoccupied or the current occupants are officially designated for relocation. Report space as Net Floor Area (NFA) as defined in the P-80. Do not include opportunities that are being reported by your Detachments who received this Data Call directly. Reported expansion opportunities must be able to accommodate the necessary ancillary facilities and equipment, such as adequate parking space, required to support the amount of people projected.

a. What is the maximum quantity of space that could be made available for expansion to accommodate other functions and/or increased efforts? Report in terms of the "Current NFA" as shown in Tables 3.1 & 3.2. _____ _____ SQFT.

b. How much of the space reported in question 3.a. above is currently available with minimal or no reconfiguration costs? Report in terms of the "Current NFA" as shown in Tables 3.1 & 3.2. _____ SQFT.

c. Use Table 3.1 below to indicate the constrained growth opportunities for accepting expanded or new roles. Constrained growth is defined as growth limited to buildings and structures currently on your Class 2 plant account. Add numbered notes to highlight and explain opportunities that require remediation or waiver of a restriction or encumbrance as part of the expansion. Provide lettered notes to clearly identify each opportunity with the title & UIC of the site it refers to. The "Current NFA (KSF)" column total should match the quantity provided in question #3.a. above. Annotate those opportunities that were used to obtain the answer to question #3.b. above. Report space once, do not use the same space for different expansion opportunities. Include in this table space that will become available once planned downsizing (separate from BRAC realignments) has been completed, provide the estimated completion date of the downsizing effort.

d. Use Table 3.2 below to indicate additional unconstrained growth opportunities for accepting expanded or new roles. Unconstrained growth allows for construction of new facilities on existing buildable Class 1 property. The only constraint being that the land must currently be on your plant account holdings as of 31 March 1994 and free of existing land use constraints. Limit new buildings to three stories. Add numbered notes to highlight and explain additional opportunities that would require remediation or waiver of a land use constraint as part of the expansion. Provide lettered notes to clearly identify each opportunity with the title & UIC of the site it refers to. Do not include space that has been reported in Table 3.1.

Table 3.1 Constrained Class 2 Space Available for Expansion at _____
Not applicable. (UIC _____)

Building # / Category Code (3 digit)	Current NFA (KSF)	Additional Capacity Provided By Expansion		Height of High Bay (FT)	Estimated Cost of Rehab ($K's)
		NFA (KSF)	# of Personnel		
Total					

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UIC 63116

Table 3.2 Unconstrained Class 2 Space Available for Expansion at _____
Not Applicable. (UIC _____)

Building # / Category Code (3 digit)	Current NFA (KSF)	Additional Capacity Provided By Expansion		Height of High Bay (FT)	Estimated Cost of Rehab ($K's)
		NFA (KSF)	# of Personnel		
Totals					

4. Class 1 Space Available for Expansion.

a. Identify in Table 4.1 below the real estate resources which have the potential to facilitate future development, and for which you are the plant account holder as of 31 March 1994, or into which, though a tenant, your activity could reasonably expect to expand. Complete a separate table for each individual site (i.e., main base, outlying airfields, special off-site areas, etc.) and Detachment that did not receive this Data Call directly. The unit of measure is acres. Developed area is defined as land currently

with buildings, roads, and utilities where further development is not possible without demolition of existing improvements. Include in "Restricted" acreage that is restricted for future development due to environmental constraints (e.g. wetlands, landfills, archaeological sites), operational restrictions (e.g. ESQD arcs, HERO, HERP, HERF, AICUZ, ranges) or cultural resources restrictions. Identify the reason for the restriction when providing the acreage in the table. Specify any entry in "Other" (e.g. submerged lands). **None.**

b. Are there any constraints such as parking, utilities, legal restrictions that limit the potential for using Undeveloped land for expansion? **None.**

c. Explain the radio frequency constraints/opportunities within your Class 1 holdings. **Not applicable.**

Class 1 Resources of _____ (UIC: _____)

Not applicable. **Site Location: _____**

Land Use	Total Acres	Developed Acreage	Available for Development	
			Restricted	Unrestricted
Maintenance				
Operational				
Training				
R & D				
Supply & Storage				
Admin				
Housing				
Recreational				
Navy Forestry Program				
Navy Agricultural Outlease Program				
Hunting/Fishing Programs				
Other				
Total:				

d. Of the total Unrestricted Acres reported above, how much of it has existing roads and/or utilities that could support expansion efforts? _____ Acres. Explain.

5. Base Infrastructure Capacity. Provide base infrastructure data as of 31 March 1994. Provide numbered notes to explain imminent changes, additions & deletions driven by previous BRAC realignments, MILCON (including BRAC related MILCON) & Special Projects that are currently programmed in the FYDP. Give the project number & title, cost, short description, quantity of additional square footage, award date, estimated/actual construction start date and estimated BOD. **Host command NRaD will provide this information.**

a. Utilize Table 5.1 below to provide information on your activity's base infrastructure capacity and load. Do not report this information if you are a tenant activity.

Table 5.1 Base Infrastructure Capacity & Load

Not applicable.	**On Base Capacity**	**Off base long term contract**	**Normal Steady State Load**	**Peak Demand**
Electrical Supply (KWH)				
Natural Gas (CFH)				
Sewage (GPD)				
Potable Water (GPD)				
Steam (PSI & lbm/Hr)				
Long Term Parking				
Short Term Parking				

b. Maintenance, Repair & Equipment Expenditure Data: Use Table 5.2 below to provide data on facilities and equipment expenditures at your activity. Project expenditures to FY 1997. Do not include data on Detachments who have received this Data Call directly. Do not report this information if you are a tenant activity. The following definitions apply: **Not applicable.**

Maintenance of Real Property (MRP) Dollars: MRP is a budgetary term used to gather the expenses or budget requirements for facility work including recurring maintenance, major repairs & minor construction (non-MILCON) inclusive of all Major Claimant funded Special Projects. It is the amount of funds spent on or budgeted for maintenance and repair of real property assets to maintain the facility in satisfactory operating condition. For purposes of this Data Call MRP includes all M1/R1 and M2/R2 expenditures.

Current Plant Value (CPV) of Class 2 Real Property: The hypothetical dollar amount to replace a Class 2 facility in kind with today's dollars. Example: the cost today to replace a wood frame barracks with a wood frame barracks.

Acquisition Cost of Equipment (ACE): The total cumulative acquisition cost of all "personal property" equipment maintained at your activity which includes the cost of installed equipment directly related to mission execution, such as lab test equipment. Class 2 installed capital equipment that is an integral part of the facility will not be reported as ACE.

Table 5.2 Maintenance, Repair & Equipment Expenditure Data for Naval Health Research Center, San Diego (UIC: 63116_)

Fiscal Year	MRP ($M)	CPV ($M)	ACE ($M)
1985	0.07	0	1.73
1986	0.08	0	1.84
1987	0.08	0	1.93
1988	0.08	0	2.21
1989	0.10	0	2.18
1990	0.10	0	2.36
1991	0.20	0	2.83
1992	0.30	0	2.35
1993	0.20	0	1.93
1994	0.40	0	2.10
1995	0.30	0	2.35
1996	0.40	0	2.35
1997	0.40	0	2.35

c. Training Facilities: **Not applicable.**

(1) By facility Category Code Number (CCN), provide the usage requirements for each course of instruction required for all formal schools on your installation. A formal school is a programmed course of instruction for military and/or civilian personnel that has been formally approved by an authorized authority (ie: Service Schools Command, Weapons Training Battalion, Human Resources Office). Do not include requirements for maintaining unit readiness, GMT, sexual harassment, etc. Include all applicable 171-*xx*, 179-*xx* CCN's.

Type of Training Facility/CCN	School	Type of Training	FY 1993 Requirements			FY 2001 Requirements		
			A	B	C	A	B	C

A = STUDENTS PER YEAR
B = NUMBER OF HOURS EACH STUDENT SPENDS IN THIS TRAINING FACILITY FOR THE TYPE OF TRAINING RECEIVED
C = A x B

(2) By Category Code Number (CCN), complete the following table for all training facilities aboard the installation. Include all 171-*xx* and 179-*xx* CCN's.

For example: in the category 171-10, a type of training facility is academic instruction classroom. If you have 10 classrooms with a capacity of 25 students per room, the design capacity would be 250. If these classrooms are available 8 hours a day for 300 days a year, the capacity in student hours per year would be 600,000.

Type Training Facility/CCN	Total Number	Design Capacity (PN)[1]	Capacity (Student HRS/YR)

(3) Describe how the Student HRS/YR value in the preceding table was derived.

[1] Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings, i.e., ranges. Design Capacity (PN) must reflect current use of the facilities.

6. Ship Berthing Capacity. If your activity has the capacity to berth ships fill out the data sheets provided at TAB A. **Not applicable.**

7. Operational Airfield Capacity. If your activity owns and operates an operational airfield fill out the data sheets provided at TAB B. **Not applicable.**

8. Depot Level Maintenance Capacity. Fill out the data sheets provided at TAB C if you or your subordinate activities perform depot level maintenance on a piece of equipment or system.
Not applicable.
9. Ordnance Storage Capacity. If your activity has the capability to store or maintain weapons and ordnance fill out the data sheets provided at TAB D. **Not applicable.**

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

NEXT ECHELON LEVEL (if applicable)

E. T. FLYNN, CAPT, MC, USN
NAME (Please type or print)

E. T. Flynn
Signature

COMMANDING OFFICER
Title

12 May 94
Date

Naval Medical Research and Development Command
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

RADM R. I. RIDENOUR
NAME (Please type or print)

Signature

ACTING CHIEF BUMED
Title

5-16-94
Date

BUREAU OF MEDICINE AND SURGERY
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)

J. B. Greene, Jr
NAME (Please type or print)

J. B. Greene Jr.
Signature

Acting
Title

27 May 1994
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) 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

Thomas N. Jones, CAPT MSC USN
NAME (Please type or print)

Thomas N Jones
Signature

Commanding Officer
Title

5/2/94
Date

Naval Health Research Center
Activity San Diego, CA

Document Separator

MILITARY VALUE DATA CALL

TECHNICAL CENTERS

Category	**10.6.4 1-3**
Technical Center Site	**NAVHLTHRSCHCEN**
Location/Address	**P. O. Box 85122 San Diego, CA 92186-5122**

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TAB A Technical Operations: Functional Support Area - Life Cycle Work Area Form

TAB B Facilities and Equipment: Facilities/Equipment Capability Form

TAB C Range Resources: Range Capability Form

Appendix A Functional Support Areas - Life Cycle Work Areas List

Appendix B Definitions for Functional Support Areas - Life Cycle Work Areas

MILITARY VALUE MEASURES

MISSION

1. **Mission Statement.** State the officially assigned mission of this activity and cite the reference document(s) that assigns the mission.

To support fleet operational readiness through research, development, test and evaluation on the biomedical, psychological, and physiological aspects of Navy and Marine Corps personnel health and performance; and to perform such other functions or tasks as may be directed by higher authority. NAVMEDCOMINST 5450.10 and 5450.1M

2. **Joint Service Missions.** State any officially assigned joint/lead service assignments missions and cite the document(s) that assigned them.

None.

TECHNICAL FUNCTIONS

3. **Technical Functions Resource Allocations.** Appendix A provides a list of numbered functional support areas that cover the spectrum of naval warfare and support operations. Additionally, Appendix A provides a list of numbered life-cycle work areas that cover the "cradle to grave" spectrum of Navy systems acquisition. Utilizing the two lists at Appendix A, each activity will break out its entire FY1993 technical program within any applicable intersections of these two defining schemes (for example, functional support area #5.2 - life cycle work area #3 will identify the activity's level of resources allocated to sensors and surveillance systems, radar systems in advanced development). Definitions for each functional support and life cycle work area are provided in Appendix B for reference.

a. Use the form at Tab A of this data call to provide data on work years and expenditures for FY1993 to support each applicable intersection of functional support areas and life cycle work areas. When necessary, estimate data to the best of your ability

b. Similarly, use the Tab A forms to report separately on your detachments or sites that have not received this data call directly. This data may be consolidated when the detachments or sites perform work in the same area. When necessary, estimate data to the best of your ability.

#10.6.4 #1-3.

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MANPOWER

4. **Work Breakdown Structure.**

a. Use Table 4.1 (below) to provide data on the general support functions at your activity. Report data as of 31 March 1994. If you are collocated with one of your subordinate base keeper commands (i.e., a NAWS or NAS collocated with a NAWC Division), describe the differences in the functions of each and provide a separate Table 4.1 for the subordinate command. Include this command in the Table 4.1 submission for your Activity.

b. Similarly, use Table 4.2 (below) to provide general support function data for all your detachments or sites that did not receive this data call directly. Consolidate data from all of these detachments into one table (4.2). Provide a list of the detachments whose data is included in Table 4.2. For each identified detachment in this list, include its name, location, UIC, and number of civilian and military personnel onboard.

In addition, if any of your detachments or separate sites not receiving an individual data call have over 50 civilian personnel or own technical facilities, provide separately a description of the site, the functions performed there, photographs showing the facilities and state the reason for that site's existence and the necessity for it to be at that location.

c. Use Table 4.3 (below) to provide estimated data, for your activity only, to reflect the anticipated impact of previous BRAC decisions that have not yet been implemented. This data should provide the deltas from Table 4.1.

NOTES:

[1] Use the following definitions when providing data for the tables below:

Workyears: Consistent with those used in the preparation of inputs to the President's budget.

Contract Workyears: Actual or estimated workyears performed by support contractors with workyears defined consistent with the definition used in the President's budget.

Civilian Personnel Onboard: Full Time Permanent (FTP) employees.

[2] Any categories of personnel that are employed to support other Activities should be noted with the name of the additional Activity supported.

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Table 4.1, General Support Resources for (Activity:NAVHLTHRSCHCEN) (UIC: 63116)

Function	Space allocated (Gross SQFT)	Work Years	Civilian Persnel onboard	Contract Work Years	Military Personnel Onboard	
					Off	Enl
ADMINISTRATION						
Command (CO/XO/TD/etc.)	1115	5	2	0	2	1
Comptroller	286	2	2	0	0	0
Admin	1,822	4	3	0.5	1	0
Human Resources	100	1	1	0	0	0
OPERATIONS SUPPORT						
Supply Management	1,225	4	1	0	0	3
Consolidated Computational Computer Support	1,085	3	3	0	0	0
Information Systems and Communications	646	3	3	0	0	0
Safety/OSH/Environmental	0	0	0	0	0	0
INFRASTRUCTURE						
Physical Security	0	0	0	0	0	0
Public Works/Staff Civil Engr	0	0	0	0	0	0
Fire Protection	0	0	0	0	0	0
Medical/Dental	0	0	0	0	0	0
Military Support	0	0	0	0	0	0
Air/Waterfront Operations	NA	NA	NA	NA	NA	NA
Other	0	0	0	0	0	0
TECHNICAL STAFF						
Technical Operations			43	35	10	8

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Totals	**6279**		58	35.5	13	12

Table 4.2, General Support Resources for all Detachments
(Activity: NAVHLTHRSCHCEN) (UIC: 63116) NOT APPLICABLE

Function	Space allocated (Gross SQFT)	Work Years	Civilian Persnel onboard	Contract Work Years	Military Personnel Onboard	
					Off	Enl
ADMINISTRATION						
Command (CO/ XO/ TD/etc.)						
Comptroller						
Admin						
Human Resources						
OPERATIONS SUPPORT						
Supply Management						
Consolidated Computational Computer Support						
Information Systems and Communications						
Safety/OSH/Environmental						
INFRASTRUCTURE						
Physical Security						
Public Works/Staff Civil Engr						
Fire Protection						
Medical/Dental						
Military Support						
Air/Waterfront Operations						
Other						
TECHNICAL STAFF						

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Technical Operations						
Totals						

Table 4.3, Previous BRAC Impact to General Support Resources for (Activity:NAVHLTHRSCHCEN__) (UIC: 63116_____) SAME AS TABLE 4.1

Function	Space allocated (Gross SQFT)	Work Years	Civilian Persnel onboard	Contract Work Years	Military Personnel Onboard	
					Off	Enl
ADMINISTRATION						
Command (CO/XO/ TD/etc.)	1115	5	2	0	2	1
Comptroller	286	2	2	0	0	0
Admin	1822	4.5	3	0.5	1	0
Human Resources	100	1	1	0	0	0
OPERATIONS SUPPORT						
Supply Management	1225	4	1	0	0	3
Consolidated Computational Computer Support	1085	3	3	0	0	0
Information Systems and Communications	646	3	3	0	0	0
Safety/OSH/Environmental	0	0	0	0	0	0
INFRASTRUCTURE						
Physical Security	0	0	0	0	0	0
Public Works/Staff Civil Engr	0	0	0	0	0	0
Fire Protection	0	0	0	0	0	0
Medical/Dental	0	0	0	0	0	0
Military Support	0	0	0	0	0	0
Air/Waterfront Operations	0	0	0	0	0	0
Other	0	0	0	0	0	0

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TECHNICAL STAFF						
Technical Operations						
Totals						

5. **Technical Staff Qualifications.**

a. Use Table 5.1 (below) to provide data on the civilian personnel allocated to Technical Operations having the educational and experience levels indicated in the table for your activity. Report data as of 31 March 1994. Similarly, use Table 5.2 (below) to provide data for all your separate detachments or sites that did not receive this data call directly. Consolidate data from all of these detachments into one table (5.2). Provide a list of the detachments whose data is included in Table 5.2.

Table 5.1, Technical Staff Education Level for
(Activity:NAVHLTHRSCHEN__) (UIC:_63116____)

Highest Degree Attained	Years of Government and/or Military Service					
	Less than 3 Years	3-10 Years	11-15 Years	16-20 Years	More than 20 Years	Total
Grade School	0	0	0	0	0	0
High School	0	1	0	0	7	8
B.A./B.S	0	3	1	1	3	8
M.A./M.S	0	8	3	1	3	15
Ph.D./ M.D.	0	5	1	1	5	12
Total	0	17	5	3	18	43

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Table 5.2, Technical Staff Education Level for all Detachments

(Parent Activity:NAVHLTHRSCHCEN__) (UIC: 63116_____) NOT APPLICABLE

Highest Degree Attained	Years of Government and/or Military Service					
	Less than 3 Years	3-10 Years	11-15 Years	16-20 Years	More than 20 Years	Total
Grade School						
High School						
B.A./B.S						
M.A./M.S						
Ph.D./ M.D.						
Total						

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b. Use Table 5.3 (below) to provide data on the number of civilian personnel allocated to Technical Operations with graduate degrees and at least three years of applicable experience that have their highest degree in the fields indicated. Report data as of 31 March 1994. Similarly, use Table 5.4 (below) to provide data for all your separate detachments or sites that did not receive this data call directly. Consolidate data from all of these detachments into one table (5.4). Provide a list of the detachments whose data is included in Table 5.4

Table 5.3, Technical Staff Academic Fields for (Activity:NAVHLTHRSCHCEN__) (UIC:_63116____)

Academic field	Number
Physics	0
Chemistry	0
Biology	0
Mathematics/Statistics/ Operations Research	3
Engineering	0
Medical	9
Dental	0
Computer Science	1
Social Science	14
Other Science	0
Non-Science	0
Total	27

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Table 5.4, Technical Staff Academic Fields for all Detachments
(Parent Activity:NAVHLTHRSCHCEN) (UIC: 63116) NOT APPLICABLE

Academic field	Number
Physics	
Chemistry	
Biology	
Mathematics/Statistics/ Operations Research	
Engineering	
Medical	
Dental	
Computer Science	
Social Science	
Other Science	
Non-Science	
Total	

c. Are there unique aspects of the activity's location that help or hinder in the hiring of qualified personnel?

San Diego is a large metropolitan community with highly regarded academic institutions (e.g., University of California at San Diego, Salk Institute, Scripts Institute, etc.), a substantial biotech research and high technology industrial presence, and an excellent climate. These factors may attract qualified people in general, and proximity to Navy and Marine Corps operational units may attract qualified people with specific interest in applied research.

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d. List all articles written by the in-house technical staff that were published or accepted for publication in refereed journals since 1 January 1990. (This represents 52% of our Technical Reports).

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Arnall, D., Goforth, H.W., Jr.
Glycerol ingestion does not enhance body water retention in divers during cold water immersion. Undersea Biomedical Research, 20(4), 1993.

Babkoff, H; TL Kelly, LT Matteson, SA Gomez, A Lopez, S Hauser, P Naitoh & J Assmus
Pemoline and methylphenidate: Interaction with mood, sleepiness, and cognitive performance during 64 hours of sleep deprivation. Military Psychology, 4:235-256, 1992.

Bales, B., A.C. Hackney, J.T. Coyne, E. Shaw, A. Kramer, & R. Brownsberger.
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Proceedings of Joint Agency Meeting on Combat Simulation Issues (JAMCSI), 30 Nov-1 Dec 88, Lawrence Livermore National Laboratory, Livermore, California
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Heat Strain During At-sea Helicopter Operations and the Effect of Passive Microclimate Cooling. Aviation, Space & Environmental Medicine, 63, 881-885

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Outpatient Illness Incidence Aboard U.S. Navy Ships During and Following the Vietnam Conflict. Military Medicine, 155(10), 472-476. (1989, Center Publication)

Blood, CG & DK Griffith (1990)
Ship Size as a Factor in Illness Incidence Among U.S. Naval Vessels. Military Medicine,

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Military Medicine, 157(3), 124-130 (1991 Center Publication, A252-892)

Blood, CG; WM Pugh, ED Gauker, & DM Pearsall (1992)
Comparisons of Wartime and Peacetime Disease and Non-battle Injury Rates Aboard Ships of the British Royal Navy. Military Medicine, 157(12), 641-644

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Brodine, SK; EC Oldfield, WA Blattner, et al. (1992)
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Conway, TL & TA Cronan (1992)
Smoking, Exercise and Physical Fitness. Preventive Medicine, 21, 723-734
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Cross, ER; LA Hermansen, WM Pugh, MR White, C Hayes, KC Hyams
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Farrow, S; A Mers, G Banta, S Steigerwalt, & W Lockette (1990) A235-012
Effect of the a_2-Adrenergic Antagonist Yohimbine on Orthostatic Tolerance
Hypertension, 15(6)Part 2, 877-880

Farrow, S; GR Banta, S Schallhorn, R May, A Mers, L Cadaret, L Rydstedt, & W Lockette (1992). Vasopressin Inhibits Diuresis Induced by Water Immersion in Man
Journal of Applied Physiology, 73(3), 932-936

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Streptococcal Prophylaxis for Recruits. Efficacy of Oral Erythromycin in Prophylaxis of Streptococcal Infection for Penicillin-allergic Military Recruits: A Randomized Double-blind Study. J Infect Dis, 1992, 166, 162-5.

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Studies of central masking I. Effects of noise on the steady-state response, J Acoust Soc Amer, 92:2683-90, 1992.

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Rising trends in melanoma: an hypothesis concerning sunscreen effectiveness. Annals of Epidemiology 1993;3:103-110.

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Lack of association of Human Immunodeficiency Virus (HIV) seroconversion with visits to foreign ports in U.S. Navy personnel. Archives of Internal Medicine 1993;153:2685-2691.

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Decline in Human Immunodeficiency Virus Seropositivity and Seroconversion in U.S. Navy Enlisted Personnel: 1986-1989
American Journal of Public Health, 82(4), 581-584 A259-280

Gorham ED, Garland FC, Barrett-Connor E, Garland CF, Wingard DL, Pugh WM
Incidence of insulin-dependent diabetes mellitus in young adults: experience of 1,587,630 U.S. Navy enlisted personnel. American Journal of Epidemiology 1993; 138:1-4.

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CD-4 Lymphocyte Counts within 24 Months of Human Immunodeficiency Virus (HIV) Seroconversion in U.S. Navy and Marine Corps Personnel
Archives of Internal Medicine, 153, 869-876.

Gray, GC; LA Palinkas & PW Kelley (1990)
Increasing Incidence of Varicella Hospitalizations in United States Army and Navy Personnel: Are Today's Teenagers More Susceptible? Should Recruits Be Immunized?
Pediatrics, 86(6), 867-873.

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Proceedings, The Combined Effects of Mulitple Stressors on Operational Performance. 4-5 April 1989, San Diego, California. (Center Publication)

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e. List all technical books and/or chapters written by the in-house technical staff that were published or accepted for publication since 1 January 1990.

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Hypothermia. In Arctic Sports Medicine and Cold Weather Exertion.

Pozos, RS; PA Iaizzo, DF Danzl & WJ Mills, Jr.
Limits of Tolerance to Hypothermia. In Handbook on Adaptation to the Environment.

f. Identify any Nobel laureates employed at this activity. **None**

g. List all non-governmental awards for research or technical excellence given to members of your technical staff since 1 January 1990. **Louis Weinstein Award for best clinical paper in clinical Infection Diseases (1993), Who's Who in Science and Engineering, Distinguish Scientist Award by the Sleep Research Society (1993)**

h. List all governmental awards for research or technical excellence given to members of your technical staff since 1 January 1990. **Navy Unit Commendation in support of Desert Storm/Shield; Albert Leary Gihon Award and Medal for outstanding service in support Navy Preventive Medicine**

i. List all patents awarded to the in-house technical staff members of this activity since 1 January 1990. **None.**

j. List all patents applied for by the in-house technical staff members of this activity since 1 January 1990.

Wearable Electronic Data Collection and Storage Device - patent applied for in 1994.
Flexible, Multielectrode Array for Recording of Bioelectrical Signals - patent applied for in 1993.

k. Identify any in-house staff that are members of the National Academy of Engineering. **None.**

l. Identify any in-house staff that are members of the National Academy of Sciences. **None.**

m. How many Cooperative Research and Development Agreements (CRDAs) have been signed by the activity since 1 January 1990?
Two CRDAs have been signed by this activity.

n. What has been the activity's annual royalty income from CRDAs and patent licenses for each year since 1 January 1990? **None.**

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o. List and describe any major end item prototypes, either product or process technology, developed in-house by the activity that are currently in production and/or are currently in use by the U.S. Armed Forces or by industry. Cite a published reference that documents the work.

Navy Occupational Health Information Management System (NOHIMS), renamed the Occupational Safety and Health Recordkeeping System (OSHRKS). Reference: Pearsall & Hall (1988) "Initial Software and Data Load Procedures for the Navy Occupational Health Information Management System (NOHIMS)," NHRC Technical Report Number 88-16.

Shipboard studies of Independent Duty Hospital Corpsmen led to requirements for the SNAP Automated Medical System (SAMS) and contributed significantly to the development of OPNAVINST 6400.1A (Certification, Training, and Use of Independent Duty Hospital Corpsmen, IDCs).

Shipboard Medical Information System needs were surveyed as input to determining the structure and design of the SNAP Automated Medical System (SAMS). Information system needs were compiled into report format (NHRC Technical Repoort 87-18) and NHRC personnel served on the Level I Functional Description Working Group and as part of the Test Site Evaluation Team.

Studies of health care requirements for women aboard ship led to new Bureau of Medicine and Surgery (BuMed) policies such as pre-assignment pregnancy tests and medical screens for chronic genitourinary disorders, changes in the authorized medical allowance list, and medical staffing. (NHRC Technical Report Number 90-2).

Studies of reservists and active duty health care providers in Operation Desert Shield/Storm contributed substantially to BuMed policies derived from the lessons learned task force and provided the first accurate projections that the Navy reserves would not be significantly depleated through post-war attrition. (NHRC Technical Report Number 92-35).

Body fat equations developed by this laboratory are currently in use in the Navy (OPNAVINST 6110.1D) and the Air Force.

Physical readiness test score standards developed by this laboratory are used as Physical Readiness Classification scores throughout the Navy (OPNAVINST 6110.1D).

Disease and Non-Battle Injury rates developed by this laboratory are used by BuMed medical planners and were used by Office of the Secretary of Defense (PA&E) in the 733 study. (NHRC Technical Report Number 92-2).

Extensive field and laboratory evaluation of the microclimate cooling effects of the Steele Vest led to its adoption for fleet damage control operations by NAVSEASYSCOM (NHRC Technical Report Number 90-31).

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Comparison studies of two chemical biological radiological protective ensembles, the Saratoga and the Overgarment 84 (OG84), led to the U. S. Marine Corps' decision to purchase the Saratoga for regular field use. (Technical Report in preparation).

Navy policy regarding the length of stay for inpatient alcohol rehabilitation (4 versus 6 weeks) will be formulated on the results of a comprehensive 3-year evaluation which is nearing completion.

HIV Central Registry, which contains all test results (negative and positive) and clinical data, is used to manage the Navy HIV Program, forcast trends in the epidemic, regulate assignment policy, and address policy issues.

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FACILITIES AND EQUIPMENT

6. **Special Facilities/Equipment Resources.** Include a copy of the form provided at Tab B of this data call for each facility and "major" piece of equipment located at this activity. Include information on separate detachments. The following definitions will apply:

Facilities - Will include such things as rocket firing bays, towing tanks, anechoic chambers, hypervelocity gun ranges, hyperbaric chambers, wind tunnels, simulation/emulation laboratories, etc. Include buildings that are integral to the facility/equipment. Do not include major outdoor ranges or land.

Also, describe modeling and simulation capabilities, hardware in-the-loop facilities and analysis or wargaming capabilities.

Equipment - Resources used to support the operation of the site with a replacement value of $500,000 or greater. Do not include land or buildings in this category. In reporting equipment, provide information to indicate the degree of portability of the equipment.
Class 3 Personal Property items ("plant equipment" or "equipment in place") by definition are highly portable and can be moved easily. Some Class 2 Installed Equipment, such as Main-frame computers, test stands and small hyperbaric chambers, require more extensive utilities support and assembly of components, but can be relocated without damage to the facility or equipment, and therefore are considered "moveable" assets. Other Class 2 items are so large and/or integral to the facility that houses them that major demolition and construction would be required to relocate them, and therefore are considered "fixed" assets. Where appropriate, pieces of equipment can be aggregated for the purposes of completing Tab B.

Facilities - None.

Equipment - None.

7. **General Facilities.**

a. Is there any cash revenue generated by this activity? Example: Electricity generated at this activity and sold to the local community. If yes, describe.

No.

b. What MILCON projects are currently programmed to be completed by the end of FY1995? For each project provide: **None.**

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(1) A description of the proposed facility with title and project number. Be sure to include the trailing alpha designator for BRACs-88, 91 and 93 realignment projects, i.e., P-xxxR, P-xxxS, P-xxxT .

(2) The functional support area(s) that the new facility will support. Refer to Appendix A.

(3) Identify installed equipment to be provided based on the threshold guidance of paragraph 6, page 12, of this data call.

(4) The additional square footage that this project will provide to the functional support area(s).

(5) The current working estimate (CWE) & planned beneficial occupancy date (BOD) of the project.

c. What MILCON projects are currently programmed to be executed/completed after FY1995? For each project provide:

(1) A description of the proposed facility with title and project number.
The proposed facility will house the Psychophysiology Laboratory to replace the current laboratory located at NTC, San Diego.
Project No. -384T Title-Construct Medical Research Laboratory

(2) The functional support area(s) the new facility will support.
The MILCON will support Human Systems CSF.

(3) The identified installed equipment to be provided based on the threshold guidance of paragraph 6, page 12, of this data call. **None of the equipment planned to be installed in this MILCON meets threshold guidance (i.e., > $500K) of paragraph 6, page 12.**

(4) The additional square footage this project will provide to the functional support area(s). **13,400 sqft.**

(5) CWE $680,000 and BOD 3rd Quarter FY95

d. What is the distance (in miles) to the nearest military airfield and/or pier not located at your site? Describe. Assume all previous BRAC closures have been executed.
NAS, North Island is nearest airfield, approximately 10 miles from NAVHLTHRSCHCEN.
SUBASE, San Diego, CA is nearest pier and is located 1.5 miles from NAVHLTHRSCHCEN.

e. How many certified magazines, used for the storage of explosives, does this activity own or control? What is the total explosive weight storage capacity? **None.**

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LOCATION

8. **Geographic Location.**

a. Is there an imperative in facility, function or synergy that requires the installation/base/facility to be in its present location? If yes, describe. **Yes.**

The Naval Health Research Center conducts applied research in Navy and Marine Corps operational settings. In San Diego, researchers at NAVHLTHRSCHCEN have access to subject populations in the primary platforms such as naval aviation, surface warfare, submarines, Marine Corps, special operations, and the Naval Hospital. The location also facilitates access to special facilities, such as the Seal Delivery Vehicle Trainer, the only high fidelity trainer/simulator, and headquarters staff in the operational chain of command (e.g., COMNAVSURFPAC, COMNAVAIRPAC, COMSPECWAR). Because applied research, development, test, and evaluation is an iterative process which requires continued input from, and access to, the customer-base, laboratory proximity to the operational forces is an imperative.

b. What is the importance of the present location relative to customers supported?

Our research team in the special warfare program, has daily contact with special warfare personnel. This contact is vital to transfer information, understand requirements, maintain credibility, and execute research. Research with the Marine Corps at Camp Pendleton requires frequent interactions to evaluate medical data collection devices at forward echelons during training exercises in the field, to evaluate clinical interventions to unexplained epidemics, such as pneumonia, to develop biomedical interventions to thermal stressors (heat, cold, altitude), to assess soft tissue injuries in training and in the field, and to gain access to Marine Corps personnel to evaluate interventions to prevent sexually transmitted diseases during deployments to the Western Pacific. Within the surface community, it has been important to be aboard ships to assess health care requirements for women, to examine physiological heat exposure limits (PHEL), and to assess the medical evacuation process at sea. These studies represent a small, but representative, segment of our work with the operational forces. Understanding the culture of operational forces, gaining access to subject populations in the field, executing military medical studies in the field, and communicating results to customers in a form which will be useful requires proximity to the customer.

FEATURES AND CAPABILITIES

9. **Computational Facilities.**

a. Describe the general and special computational capabilities at this site. Include super computing, parallel computing, distributed computing and networking. Include high-speed data transfer, fiber optic links, microwave links, network interconnectivity and video teleconferencing capabilities. Do not discuss desktops and laptops except as they relate to networking.

a. A VAX 6310 computer provides statistical analyses for the Command. A Local Area Network (LAN) connects the VAX 6310 to various desktop systems. The LAN has Internet connections via NCCOSC broadban network.

b. **N/A**

10. **Mobilization Responsibility and Capability.**

a. Describe any mobilization responsibility officially assigned to this site. Cite the document assigning the responsibility.

(1) What functional support area(s) does this responsibility support? Refer to Appendix A for the list of functional support areas?

(2) What portion of the work years and dollars, as reported in each applicable functional support area reported in Tab A, are spent solely on maintaining your activity's readiness to execute the mobilization responsibilities?

(3) How many additional personnel (military & civilian) would be assigned to your activity as part of the mobilization responsibility? Include separately any contractor assets that would be added.

b. Does your activity have adequate facilities to support your mobilization responsibilities? (yes/no)

(1) If yes, is any space assigned for the sole purpose of maintaining mobilization readiness? (yes/no) If yes, list the square footage assigned.

(2) If no, what repairs, renovations and/or additions are required to provide adequate facilities? What is the estimated cost of this work?

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(3) Are there any restrictions that would prevent work (noted in paragraph 10.b.(2) above) from taking place (i.e., AICUZ, environmental constraints, HERO, etc.)? If yes, describe.

c. Describe any production facilities that would be activated in case of a future contingency.

d. Is your activity used as a Reserve Unit mobilization and/or training site?

This command has no mobilization responsibility or capability.

11. **Range Resources.** Include a copy of the form provided at Tab C of this data call for each range located at this activity or operated by this activity. Also, report ranges at detachments and sites not receiving a separate data call. The following definition of a range will apply:

Range - An instrumented or non-instrumented area that utilizes air, land, and/or water space to support test and evaluation, measurements, training and data collection functions, but is not enclosed within a building.

N/A

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QUALITY OF LIFE

12. **Military Housing**

(a) Family Housing:

(1) Do you have mandatory assignment to on-base housing? (circle) yes no

(2) For military family housing in your locale provide the following information: **Our host command NRaD will provide this information.**

Type of Quarters	Number of Bedrooms	Total number of units	Number Adequate	Number Substandard	Number Inadequate
Officer	4+				
Officer	3				
Officer	1 or 2				
Enlisted	4+				
Enlisted	3				
Enlisted	1 or 2				
Mobile Homes					
Mobile Home lots					

(3) In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means". For all the categories above where inadequate facilities are identified provide the following information:

Facility type/code:
What makes it inadequate?
What use is being made of the facility?
What is the cost to upgrade the facility to substandard?
What other use could be made of the facility and at what cost?
Current improvement plans and programmed funding:
Has this facility condition resulted in C3 or C4 designation on your BASEREP?

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(4) Complete the following table for the military housing waiting list.
Our host command NRaD will provide this information.

Pay Grade	Number of Bedrooms	Number on List[1]	Average Wait
O-6/7/8/9	1		
	2		
	3		
	4+		
O-4/5	1		
	2		
	3		
	4+		
O-1/2/3/CWO	1		
	2		
	3		
	4+		
E7-E9	1		
	2		
	3		
	4+		
E1-E6	1		
	2		
	3		
	4+		

[1]As of 31 March 1994.

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(5) What do you consider to be the top five factors driving the demand for base housing? Does it vary by grade category? If so provide details.

Our host command NRaD will provide this information.

	Top Five Factors Driving the Demand for Base Housing
1	
2	
3	
4	
5	

(6) What percent of your family housing units have all the amenities required by "The Facility Planning & Design Guide" (Military Handbook 1190 & Military Handbook 1035-Family Housing)?

(7) Provide the utilization rate for family housing for FY 1993.

Type of Quarters	Utilization Rate
Adequate	
Substandard	
Inadequate	

Our host command NRaD will provide this information.

(8) As of 31 March 1994, have you experienced much of a change since FY 1993? If so, why? If occupancy is under 98% (or vacancy over 2%), is there a reason?

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(b) BEQ: **Our host command NRaD will provide this information.**

(1) Provide the utilization rate for BEQs for FY 1993.

Type of Quarters	Utilization Rate
Adequate	
Substandard	
Inadequate	

(2) As of 31 March 1994, have you experienced much of a change since FY 1993? If so, why? If occupancy is under 95% (or vacancy over 5%), is there a reason?

(3) Calculate the Average on Board (AOB) for geographic bachelors as follows:

$$\text{AOB} = \frac{\text{(\# Geographic Bachelors x average number of days in barracks)}}{365}$$

(4) Indicate in the following chart the percentage of geographic bachelors (GB) by category of reasons for family separation. Provide comments as necessary.

Host command will provide this information.

Reason for Separation from Family	Number of GB	Percent of GB	Comments
Family Commitments (children in school, financial, etc.)			
Spouse Employment (non-military)			
Other			
TOTAL		100	

(5) How many geographic bachelors do not live on base?

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(c) BOQ:

(1) Provide the utilization rate for BOQs for FY 1993.

Host command will provide this information.

Type of Quarters	Utilization Rate
Adequate	
Substandard	
Inadequate	

(2) As of 31 March 1994, have you experienced much of a change since FY 1993? If so, why? If occupancy is under 95% (or vacancy over 5%), is there a reason?

(3) Calculate the Average on Board (AOB) for geographic bachelors as follows:

$$\textbf{AOB} = \frac{\textbf{(\# Geographic Bachelors x average number of days in barracks)}}{\textbf{365}}$$

(4) Indicate in the following chart the percentage of geographic bachelors (GB) by category of reasons for family separation. Provide comments as necessary.

Reason for Separation from Family	Number of GB	Percent of GB	Comments
Family Commitments (children in school, financial, etc.)			
Spouse Employment (non-military)			
Other			
TOTAL		100	

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(5) How many geographic bachelors do not live on base?

(d) BOQ/BEQ Housing and Messing. **Our host command NRaD will provide this information.**

(1) Provide data on the BOQs and BEQs assigned to your current plant account. The desired unit of measure for this capacity is people housed. Use CCN to differentiate between pay grades, i.e., E1-E4, E5-E6, E7-E9, CWO-O2, O3 and above.

Our host command NRaD will provide this information.

Facility Type, Bldg. # & CCN	Total No. of Beds	Total No. of Rooms	Adequate		Substandard		Inadequate	
			Beds	Sq Ft	Beds	Sq Ft	Beds	Sq Ft

(2) In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means". For all the categories above where inadequate facilities are identified provide the following information:

a. FACILITY TYPE/CODE:
b. WHAT MAKES IT INADEQUATE?
c. WHAT USE IS BEING MADE OF THE FACILITY?
d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?
e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?
f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:
g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP?

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(3) Provide data on the BOQs and BEQs projected to be assigned to your plant account in FY 1997. The desired unit of measure for this capacity is people housed. Use CCN to differentiate between pay grades, i.e., E1-E4, E5-E6, E7-E9, CWO-O2, O3 and above. **N/A**

Our host command NRaD will provide this information.

Facility Type, Bldg. # & CCN	Total No. of Beds	Total No. of Rooms	Adequate		Substandard		Inadequate	
			Beds	Sq Ft	Beds	Sq Ft	Beds	Sq Ft

(4) In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means". For all the categories above where inadequate facilities are identified provide the following information:

a. FACILITY TYPE/CODE:
b. WHAT MAKES IT INADEQUATE?
c. WHAT USE IS BEING MADE OF THE FACILITY?
d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?
e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?
f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:
g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP?

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(5) Provide data on the messing facilities assigned to your current plant account. **N/A**
Our host command, NRaD, will provide this information.

Facility Type, CCN and Bldg. #	Total Sq. Ft.	Adequate		Substandard		Inadequate		Avg # Noon Meals Served
		Seats	Sq Ft	Seats	Sq Ft	Seats	Sq Ft	

(6) In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means". For all the categories above where inadequate facilities are identified provide the following information:

a. FACILITY TYPE/CODE:
b. WHAT MAKES IT INADEQUATE?
c. WHAT USE IS BEING MADE OF THE FACILITY?
d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?
e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?
f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:
g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP?

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(7) Provide data on the messing facilities projected to be assigned to your plant account in FY 1997.

Our host command, NRaD, will provide this information.

Facility Type, CCN and Bldg. #	Total Sq. Ft.	Adequate		Substandard		Inadequate		Avg # Noon Meals Served
		Seats	Sq Ft	Seats	Sq Ft	Seats	Sq Ft	

(8) In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means". For all the categories above where inadequate facilities are identified provide the following information:

a. FACILITY TYPE/CODE:
b. WHAT MAKES IT INADEQUATE?
c. WHAT USE IS BEING MADE OF THE FACILITY?
d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?
e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?
f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:
g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP?

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13. **MWR Facilities**. For on-base MWR facilities[10] available, complete the following table for each separate location. For off-base government owned or leased recreation facilities indicate distance from base. If there are any facilities not listed, include them at the bottom of the table.

LOCATION SUBASE, San Diego **DISTANCE 1.5 miles**

Our host command, NRaD, will provide this inforation.

Facility	Unit of Measure	Total	Profitable (Y,N,N/A)
Auto Hobby	Indoor Bays		
	Outdoor Bays		
Arts/Crafts	SF		
Wood Hobby	SF		
Bowling	Lanes		
Enlisted Club	SF		
Officer's Club	SF		
Library	SF		
Library	Books		
Theater	Seats		
ITT	SF		
Museum/Memorial	SF		
Pool (indoor)	Lanes		
Pool (outdoor)	Lanes		
Beach	LF		
Swimming Ponds	Each		
Tennis CT	Each		

[10]Spaces designed for a particular use. A single building might contain several facilities, each of which should be listed separately.

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Facility	Unit of Measure	Total	Profitable (Y,N,N/A)
Volleyball CT (outdoor)	Each		
Basketball CT (outdoor)	Each		
Racquetball CT	Each		
Golf Course	Holes		
Driving Range	Tee Boxes		
Gymnasium	SF		
Fitness Center	SF		
Marina	Berths		
Stables	Stalls		
Softball Fld	Each		
Football Fld	Each		
Soccer Fld	Each		
Youth Center	SF		

(a) Is your library part of a regional interlibrary loan program?

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[Host, NRaD to provide]
BUMED-822, mm
31 May 94

14. **Base Family Support Facilities and Programs.**

a. Complete the following table on the availability of child care in a child care center on your base.

Age Category	Capacity (Children)	SF			Number on Wait List	Average Wait (Days)
		Adequate	Substandard	Inadequate		
0-6 Mos						
6-12 Mos						
12-24 Mos						
24-36 Mos						
3-5 Yrs						

b. In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means." For all the categories above where inadequate facilities are identified provide the following information:

Facility type/code:
What makes it inadequate?
What use is being made of the facility?
What is the cost to upgrade the facility to substandard?
What other use could be made of the facility and at what cost?
Current improvement plans and programmed funding:
Has this facility condition resulted in C3 or C4 designation on your BASEREP?

c. If you have a waiting list, describe what programs or facilities other than those sponsored by your command are available to accommodate those on the list.

d. How many "certified home care providers" are registered at your base?

e. Are there other military child care facilities within 30 minutes of the base? State owner and capacity (i.e., 60 children, 0-5 yrs).

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f. Complete the following table for services available on your base. If you have any services not listed, include them at the bottom.

Service	Unit of Measure	Qty
Exchange	SF	
Gas Station	SF	
Auto Repair	SF	
Auto Parts Store	SF	
Commissary	SF	
Mini-Mart	SF	
Package Store	SF	
Fast Food Restaurants	Each	
Bank/Credit Union	Each	
Family Service Center	SF	
Laundromat	SF	
Dry Cleaners	Each	
ARC	PN	
Chapel	PN	
FSC Classrm/Auditorium	PN	

15. **Proximity of Closest Major Metropolitan Areas** (provide at least three): [Host, NRaD to provide]

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31 May 94

City	Distance (Miles)

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16. **Standard Rate VHA Data for Cost of Living:** [Host, NRaD to provide] BUMED-822, MMS 31 May 94

Paygrade	With Dependents	Without Dependents
E1		
E2		
E3		
E4		
E5		
E6		
E7		
E8		
E9		
W1		
W2		
W3		
W4		
O1E		
O2E		
O3E		
O1		
O2		
O3		
O4		
O5		
O6		
O7		

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[Host, NRaD to provide]
BUMED-822, mas
31 May 94

17. **Off-base Housing Rental and Purchase**

(a) Fill in the following table for average rental costs in the area for the period 1 April 1993 through 31 March 1994.

Type Rental	Average Monthly Rent		Average Monthly Utilities Cost
	Annual High	Annual Low	
Efficiency			
Apartment (1-2 Bedroom)			
Apartment (3+ Bedroom)			
Single Family Home (3 Bedroom)			
Single Family Home (4+ Bedroom)			
Town House (2 Bedroom)			
Town House (3+ Bedroom)			
Condominium (2 Bedroom)			
Condominium (3+ Bedroom)			

(b) What was the rental occupancy rate in the community as of 31 March 1994?

Type Rental	Percent Occupancy Rate
Efficiency	
Apartment (1-2 Bedroom)	
Apartment (3+ Bedroom)	
Single Family Home (3 Bedroom)	
Single Family Home (4+ Bedroom)	
Town House (2 Bedroom)	
Town House (3+ Bedroom)	
Condominium (2 Bedroom)	
Condominium (3+ Bedroom)	

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(c) What are the median costs for homes in the area?

Type of Home	Median Cost
Single Family Home (3 Bedroom)	
Single Family Home (4+ Bedroom)	
Town House (2 Bedroom)	
Town House (3+ Bedroom)	
Condominium (2 Bedroom)	
Condominium (3+ Bedroom)	

(d) For calendar year 1993, from the local MLS listings provide the number of 2, 3, and 4 bedroom homes available for purchase. Use only homes for which monthly payments would be within 90 to 110 percent of the E5 BAQ and VHA for your area.

Month	Number of Bedrooms		
	2	3	4+
January			
February			
March			
April			
May			
June			
July			
August			
September			
October			
November			
December			

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(e) Describe the principle housing cost drivers in your local area.

18. **For the top five sea intensive ratings in the principle warfare community your base supports, provide the following:**

[Host, NRaD to provide]
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31 May 94

Rating	Number Sea Billets in the Local Area	Number of Shore billets in the Local Area

19. **Complete the following table for the average one-way commute for the five largest concentrations of military and civilian personnel living off-base.**

[Host, NRaD to provide]
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31 May 94

Location	% Employees	Distance (mi)	Time(min)

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[Host, NRaD to provide]
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20. **Complete the tables below to indicate the civilian educational opportunities available to service members stationed at the installation (to include any outlying sites) and their dependents:**

(a) List the local educational institutions which offer programs available to dependent children. Indicate the school type (e.g. DODDS, private, public, parochial, etc.), grade level (e.g. pre-school, primary, secondary, etc.), what students with special needs the institution is equipped to handle, cost of enrollment, and for high schools only, the average SAT score of the class that graduated in 1993, and the number of students in that class who enrolled in college in the fall of 1994.

Institution	Type	Grade Level(s)	Special Education Available	Annual Enrollment Cost per Student	1993 Avg SAT/ ACT Score	% HS Grad to Higher Educ	Source of Info

page_____of_____
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(b) List the educational institutions within 30 miles which offer programs off-base available to service members and their adult dependents. Indicate the extent of their programs by placing a "Yes" or "No" in all boxes as applies.

Institution	Type Classes	Program Type(s)				
		Adult High School	Vocational/ Technical	Undergraduate		Graduate
				Courses only	Degree Program	
	Day					
	Night					
	Day					
	Night					
	Day					
	Night					
	Day					
	Night					

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(c) List the educational institutions which offer programs on-base available to service members and their adult dependents. Indicate the extent of their programs by placing a "Yes" or "No" in all boxes as applies.

Institution	Type Classes	Program Type(s)				
		Adult High School	Vocational/ Technical	Undergraduate		Graduate
				Courses only	Degree Program	
	Day					
	Night					
	Corres-pondence					
	Day					
	Night					
	Corres-pondence					
	Day					
	Night					
	Corres-pondence					
	Day					
	Night					
	Corres-pondence					

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[Host, NRaD to provide]
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21. **Spousal Employment Opportunities.**

Provide the following data on spousal employment opportunities.

Skill Level	Number of Military Spouses Serviced by Family Service Center Spouse Employment Assistance			Local Community Unemployment Rate
	1991	1992	1993	
Professional				
Manufacturing				
Clerical				
Service				
Other				

[Host, NRaD to provide]
BUMED-822, mss
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22. **Medical/Dental.**

a. Do your active duty personnel have any difficulty with access to medical or dental care, in either the military or civilian health care system? Develop the why of your response.

b. Do your military dependents have any difficulty with access to medical or dental care, in either the military or civilian health care system? Develop the why of your response.

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9 Sept 94

BRAC-95 - MILITARY VALUE DATA CALL #5:

ACTIVITY: Naval Health Research Center, San Diego, CA - UIC N63116

QUALITY OF LIFE - QUESTION #23 - CRIME RATE:

BSAT QUESTION: Provide the Crime Rates for your surrounding community or county/township/parish/city in these three categories; violent crime rate, property crime rate, and drug crime rate per 100,000 population, for the years 1991, 1992, and 1993:

RESPONSE:

Crime rates per 100,000 population declared in this report are for the Loma Portal area within the City of San Diego, California, the local encompassing the Naval Health Research Center.

	YEAR			
	1991	1992	1993	
Violent Crimes:	826	680	858	
Property Crime:	5,649	5,358	4,265	
Drug Crimes:*	892	899	NA	NA=Not available

* Drug Crime information not available for the Loma Portal area. Numbers given are for "Drug Arrests" for the total San Diego area (Sources 1 & 2). It is speculated that Drug Arrest/Drug Crime data for the Loma Portal area to be much lower.

Sources:

1. "City of San Diego, San Diego Police Department Report S1STA140, Crime Rates Per 1,000 Population By Stat Code Grouped by Agency", Mar 94, for the periods: Jan 1991 - Dec 1991, Jan 1992 - Dec 1992, and Jan 1993 - Dec 1993.

2. "Crime in the Sand Diego Region, Mid-Year 1993", Sept 93, Criminal Justice Research Division, San Diego Association of Governments.

3. "Crime in the San Diego Region, 1991", Mar 92, Criminal Justice Research Division, San Diego Association of Governments.

Note! Source 1 data was adjusted to rates per 100,000 population.

Prepared by CAPT CONTRERAS, MSC, USN, Naval Health Research Center, San Diego, Code 01, (619) 553-8420.

53R VRBUMED 824 9/22/94

[Host, NRaD to provide]
BUMED-822, MSS
31 May 94

23 **Crime Rate**. Complete the table below to indicate the crime rate for your air station for the last three fiscal years. The source for case category definitions to be used in responding to this question are found in NCIS - Manual dated 23 February 1989, at Appendix A, entitled "Case Category Definitions." Note: the crimes reported in this table should include 1) all reported criminal activity which occurred on base regardless of whether the subject or the victim of that activity was assigned to or worked at the base; and 2) all reported criminal activity off base.

Crime Definitions	FY 1991	FY 1992	FY 1993
1. Arson (6A)			
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
2. Blackmarket (6C)			
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
3. Counterfeiting (6G)			
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
4. Postal (6L)			
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			

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Crime Definitions	FY 1991	FY 1992	FY 1993
5. Customs (6M)			
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
6. Burglary (6N)			
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
7. Larceny - Ordnance (6R)			
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
8. Larceny - Government (6S)			
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			

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Crime Definitions	FY 1991	FY 1992	FY 1993
9. Larceny - Personal (6T)			
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
10. Wrongful Destruction (6U)			
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
11. Larceny - Vehicle (6V)			
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
12. Bomb Threat (7B)			
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			

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Crime Definitions	FY 1991	FY 1992	FY 1993
13. Extortion (7E)			
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
14. Assault (7G)			
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
15. Death (7H)			
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
16. Kidnapping (7K)			
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			

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Crime Definitions	FY 1991	FY 1992	FY 1993
18. Narcotics (7N)			
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
19. Perjury (7P)			
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
20. Robbery (7R)			
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
21. Traffic Accident (7T)			
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			

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Crime Definitions	FY 1991	FY 1992	FY 1993
22. Sex Abuse - Child (8B)			
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
23. Indecent Assault (8D)			
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
24. Rape (8F)			
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
25. Sodomy (8G)			
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			

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9 Sept 94

BRAC-95 - MILITARY VALUE DATA CALL #5: - R 9/12/94 VR Burnes 824 9/20/94

ACTIVITY: Naval Health Research Center, San Diego, CA - UIC N63116

QUALITY OF LIFE - QUESTION #23 - CRIME RATE:

BSAT QUESTION: Provide the Crime Rates for your surrounding community or county/township/parish/city in these three categories; violent crime rate, property crime rate, and drug crime rate per 100,000 population, for the years 1991, 1992, and 1993:

RESPONSE:

Crime rates per 100,000 population declared in this report are for the Loma Portal area within the City of San Diego, California, the local encompassing the Naval Health Research Center.

Year	1991	1992	1993	
Violent Crimes:	826	680	858	
Property Crime:	5,649	5,358	4,265	
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* Drug Crime information not available for the Loma Portal area. Numbers given are for "Drug Arrests" for the total San Diego area (Sources 1 & 2). It is speculated that Drug Arrest/Drug Crime data for the Loma Portal area to be much lower.

Sources:

1. "City of San Diego, San Diego Police Department Report S1STA140, Crime Rates Per 1,000 Population By Stat Code Grouped by Agency", Mar 94, for the periods: Jan 1991 - Dec 1991, Jan 1992 - Dec 1992, and Jan 1993 - Dec 1993.

2. "Crime in the Sand Diego Region, Mid-Year 1993", Sept 93, Criminal Justice Research Division, San Diego Association of Governments.

3. "Crime in the San Diego Region, 1991", Mar 92, Criminal Justice Research Division, San Diego Association of Governments.

Note! Source 1 data was adjusted to rates per 100,000 population.

Prepared by CAPT CONTRERAS, MSC, USN, Naval Health Research Center, San Diego, Code 01, (619) 553-8420.

TAB A

TECHNICAL OPERATIONS

FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

R

TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA/LIFE CYCLE WORK AREA FORM

Technical Center Site	Naval Health Research Center
Functional Support Area	10.1.5
Life Cycle Work Area	Basic Research

Note: An example of a functional support area - life cycle work area is "1. Platform, 1.1 Undersea, - 10. Program Support".

1. **In-House Work Years.** Provide the number of in-house government employee (civilian and military) work years for FY1993 that were performed in this functional support area - life cycle work area. Workyears are to be consistent with those used in the preparation of inputs to the President's budget. 4.0 WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost in FY1993 for this functional support area - life cycle work area. $(K) 421

b. **Out-of-House Expenditures**. Provide the total funds expended during FY1993 for this functional support area - life cycle work area. **Do not** include direct cite funding. $(K) 80

c. **Direct Cites.** Provide total direct cite funds expended on contract during FY1993 for this functional support area - life cycle work area. $(K) 00

Note:

In-House Expenditures - Is comprised of the total obligation authority for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures - Is comprised of total obligational authority for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and

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TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA/LIFE CYCLE WORK AREA FORM

Technical Center Site	Naval Health Research Center
Functional Support Area	10.1.5
Life Cycle Work Area	Exploratory Development

Note: An example of a functional support area - life cycle work area is "1. Platform, 1.1 Undersea, - 10. Program Support".

1. **In-House Work Years.** Provide the number of in-house government employee (civilian and military) work years for FY1993 that were performed in this functional support area - life cycle work area. Workyears are to be consistent with those used in the preparation of inputs to the President's budget. 3.0 WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost in FY1993 for this functional support area - life cycle work area. $(K) 246

b. **Out-of-House Expenditures**. Provide the total funds expended during FY1993 for this functional support area - life cycle work area. **Do not** include direct cite funding. $(K) 145

c. **Direct Cites.** Provide total direct cite funds expended on contract during FY1993 for this functional support area - life cycle work area. $(K) 00

Note:

In-House Expenditures - Is comprised of the total obligation authority for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures - Is comprised of total obligational authority for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD

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TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA/LIFE CYCLE WORK AREA FORM

Technical Center Site	Naval Health Research Center
Functional Support Area	10.1.5
Life Cycle Work Area	Advanced Development

Note: An example of a functional support area - life cycle work area is "1. Platform, 1.1 Undersea, - 10. Program Support".

1. **In-House Work Years.** Provide the number of in-house government employee (civilian and military) work years for FY1993 that were performed in this functional support area - life cycle work area. Workyears are to be consistent with those used in the preparation of inputs to the President's budget. 13.0 WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost in FY1993 for this functional support area - life cycle work area. $(K) 1045

b. **Out-of-House Expenditures**. Provide the total funds expended during FY1993 for this functional support area - life cycle work area. **Do not** include direct cite funding. $(K) 617

c. **Direct Cites.** Provide total direct cite funds expended on contract during FY1993 for this functional support area - life cycle work area. $(K) 00

Note:

In-House Expenditures - Is comprised of the total obligation authority for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures - Is comprised of total obligational authority for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD

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TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA/LIFE CYCLE WORK AREA FORM

Technical Center Site	Naval Health Research Center
Functional Support Area	10.6.4
Life Cycle Work Area	Exploratory Development

Note: An example of a functional support area - life cycle work area is "1. Platform, 1.1 Undersea, - 10. Program Support".

1. **In-House Work Years.** Provide the number of in-house government employee (civilian and military) work years for FY1993 that were performed in this functional support area - life cycle work area. Workyears are to be consistent with those used in the preparation of inputs to the President's budget. 13.0 WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost in FY1993 for this functional support area - life cycle work area. $(K) 986

b. **Out-of-House Expenditures**. Provide the total funds expended during FY1993 for this functional support area - life cycle work area. **Do not** include direct cite funding. $(K) 582

c. **Direct Cites.** Provide total direct cite funds expended on contract during FY1993 for this functional support area - life cycle work area. $(K) 00

Note:

In-House Expenditures - Is comprised of the total obligation authority for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures - Is comprised of total obligational authority for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD

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TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA/LIFE CYCLE WORK AREA FORM

Technical Center Site	Naval Health Research Center
Functional Support Area	10.6.4
Life Cycle Work Area	Advanced Development

Note: An example of a functional support area - life cycle work area is "1. Platform, 1.1 Undersea, - 10. Program Support".

1. **In-House Work Years.** Provide the number of in-house government employee (civilian and military) work years for FY1993 that were performed in this functional support area - life cycle work area. Workyears are to be consistent with those used in the preparation of inputs to the President's budget. 28.0 WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost in FY1993 for this functional support area - life cycle work area. $(K) 2213

b. **Out-of-House Expenditures**. Provide the total funds expended during FY1993 for this functional support area - life cycle work area. **Do not** include direct cite funding. $(K) 1306

c. **Direct Cites.** Provide total direct cite funds expended on contract during FY1993 for this functional support area - life cycle work area. $(K) 00

Note:

In-House Expenditures - Is comprised of the total obligation authority for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures - Is comprised of total obligational authority for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD

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TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA/LIFE CYCLE WORK AREA FORM

Technical Center Site	
Functional Support Area	
Life Cycle Work Area	

Note: An example of a functional support area - life cycle work area is "1. Platform, 1.1 Undersea, - 10. Program Support".

1. **In-House Work Years.** Provide the number of in-house government employee (civilian and military) work years for FY1993 that were performed in this functional support area - life cycle work area. Workyears are to be consistent with those used in the preparation of inputs to the President's budget. _____WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost in FY1993 for this functional support area - life cycle work area. $(K)_____

b. **Out-of-House Expenditures.** Provide the total funds expended during FY1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$(K)_____

c. **Direct Cites.** Provide total direct cite funds expended on contract during FY1993 for this functional support area - life cycle work area. $(K)_____

Note:
In-House Expenditures - Is comprised of the total obligation authority for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures - Is comprised of total obligational authority for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

TAB A
Page ___ of ___
UIC: _____

TAB B

SPECIAL FACILITIES AND EQUIPMENT

FACILITIES/EQUIPMENT CAPABILITY FORM

SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Technical Center Site	
Facility/Equipment Nomenclature or Title	

1. State the primary purpose(s) of the facility/equipment.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by paragraph 6, page 12 of this data call.

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

4. Provide the gross weight and cube of the facility/equipment.

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. Refer to Appendix A for the list of functional support areas.

11. Provide the historical utilization average for the past five fiscal years (1989-1993). Define the unit

TAB B
Page ___ of ___
UIC: _____

of measure used.

12. Provide the projected utilization data out to FY1997.

13. What is the approximate number of personnel used to operate the facility/equipment?

14. What is the approximate number of personnel needed to maintain the equipment?

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.

TAB B
Page ___ of ___
UIC: _____

TAB C

RANGE RESOURCES

RANGE CAPABILITY FORM

RANGE RESOURCES
RANGE CAPABILITY FORM

Technical Center Site	
Range Nomenclature or Title	

1. List all the ranges that your activity maintains and operates. Provide the following information on each range:

a. A brief statement of what the range is used for.

b. Geographic location of the range.

c. Distance from the range to the activity's headquarters facility (main site).

d. Range size in square miles.

e. Scheduling authority.

f. Air space available/restrictions.

g. Maximum water depth available/restrictions.

h. Instrumentation capability.

i. Accuracy of tracking.

j. Data collection/replay capability.

k. What are the maximum hours per year that this range is available to support activities? Provide the actual hours that the range was up and capable of providing services. Do not count "down time" due to maintenance, reconfiguration, or administrative activities (i.e., Holiday shutdowns).

l. What were the actual hours this range was utilized per year for the last five years (FYs 1989-1993)?

m. What were the actual hours that this range was utilized in FY1993?

TAB C
Page ___ of ___
UIC: _____

n. Who are the customers of the range?

o. Of the actual hours utilized what percentage of utilization time was provided to which customers?

p. Provide a sketch, drawing or map of the range.

2. Are any of your ranges part of the DoD Major Range and Test Facility Base (MRTFB)? (yes/no) If yes, which ones?

3. Are there any limiting (current or future) environmental and/or encroachment characteristics that are associated with this range.

TAB C
Page ___ of ___
UIC: _____

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

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

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

Each individual in your activity generating information for the BRAC-95 process must certify that information. Enclosure (1) is provided for individual certifications and may be duplicated as necessary. You are directed to maintain those certifications at your activity for audit purposes. For 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

Thomas N. Jones, CAPT MSC USN
NAME (Please type or print)

Thomas N. Jones
Signature

Commanding Officer
Title

5/2/94
Date

Naval Health Research Center
Activity San Diego, CA

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

NEXT ECHELON LEVEL (if applicable)

E. T. FLYNN, CAPT, MC, USN
NAME (Please type or print)

E. T. Flynn
Signature

COMMANDING OFFICER
Title

12 May 94
Date

Naval Medical Research and Development Command
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

RADM R. I. RIDENOUR
NAME (Please type or print)

R I Ridenour
Signature

ACTING CHIEF BUMED
Title

5-16-94
Date

BUREAU OF MEDICINE AND SURGERY
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)

J. B. GREENE, JR
NAME (Please type or print)

J B Greene Jr.
Signature

ACTING
Title

2 JUN 94
Date

CM

BRAC-95 CERTIFICATION

Crime Rates

Reference: SECNAVNOTE 11000 of 08 December 1993

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ACTIVITY COMMANDER

CAPT Larry M. Dean
NAME (Please type or print)

Larry M. Dean
Signature

Commanding Officer
Title

9.12.94
Date

Naval Health Research Center

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.

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

D. F. HAGEN, VADM, MC, USN

NAME (Please type or print) X D F Hagen Signature

CHIEF BUMED/SURGEON GENERAL

Title X 9-20-94 Date

BUREAU OF MEDICINE & SURGERY

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 9/23/94 Date

Rev. pg. 53

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

CAPT Larry M. Dean	Larry M Dean
NAME (Please type or print)	Signature
Commanding Officer	9.12.94
Title	Date
Naval Health Research 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)

T. N. JONES, CAPT, MSC, USN

NAME (Please type or print)

Signature

COMMANDING OFFICER

Title

Date 21 Sept 94

NAVAL MEDICAL RESEARCH & DEVELOPMENT COMMAND

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

D. F. HAGEN, VADM,MC,USN

NAME (Please type or print)

Signature

CHIEF BUMED/SURGEON GENERAL

Title

Date 9-28-94

BUREAU OF MEDICINE AND SURGERY

Activity

Data Call 5 revision Naval Health Research Center

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

10/5/94

Date

Rev. TAB A

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

CAPT Larry M. Dean
NAME (Please type or print)

Larry M. Dean
Signature

Commanding Officer
Title

8.24.94
Date

Naval Health Research 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)

CAPT Thomas N. Jones
NAME (Please type or print)

Signature

Commanding Officer
Title

9.4.94
Date

Naval Medical Research and Development Command
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

HAROLD M. KOENIG, RADM, MC, USN
NAME (Please type or print)

Signature

ACTING CHIEF BUMED
Title

9/16/94
Date

BUREAU OF MEDICINE AND SURGERY
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

10/5/94
Date

Document Separator

3-20-183-74
NHRC SAN DIEGO
(NHRC SAN DIEGO)
BUMED

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.:	3-20-0183-074
Scenario Title:	NHRC San Diego CA
Date:	15 DEC 94

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:	CDR V. Rubin
Organization/Code:	BUMED/MED 824
Office Phone Number:	202 653 0158
Fax Number:	202 653 0877
Home Phone Number:	703 553 8654

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

Enclosure (1)

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

Activity: 66001 NCCOSC RDTE DIV

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

UIC	NAME	MAJOR CLAIMANT	BEGIN FY 1996 OFF	ENL	CIV	STU	PLANNED FORCE STRUCTURE CHANGES OFF	ENL	CIV	STU	END FY 2001 OFF	ENL	CIV	STU
N 66001	NCCOSC RDTE DIV	COMSPANAVWAR	23	11	2,477	0	0	1	-392	0	23	12	2,085	0
N 63116	NHRC	BUMED	~~12~~ 10	7	~~56~~ 68	0	0	~~2~~	-1	0	~~12~~ 10	~~8~~ 7	~~57~~ 67	
N 68221	NAVPERSRANDCEN SAN DIEGO	CHNAVPER	4	13	149	0	0	0	0	0	4	13	149	0
N 68221	NAVY PERSONNEL RESEARCH	CHNAVPER	0	0	0	0	0	0	0	0	0	0	0	0
N 41341	NMPC SUPPORT ACTIVITY DET	CHNAVPER	1	18	0	0	0	0	0	0	1	18	0	0
N 00242	NAVAL BASE SAN DIEGO FIRE	CINCPACFLT	0	0	0	0	0	0	0	0	0	0	0	0
N 68554	PERSONNEL SUPPORT ACTIVITY	CINCPACFLT	1	33	12	0	0	0	-2	0	1	33	10	0
N 66001	LNO NAV OCEAN SYS CTR SAN	COMMARCOR	0	0	0	0	0	0	0	0	0	0	0	0
N 63387	NAVY PUBLIC WORK CENTER	COMNAVFAC	0	0	0	0	0	0	0	0	0	0	0	0
N 39353	INTEGRATED COMBAT SYSTEMS	COMNAVSEASYS	2	6	0	0	0	0	0	0	2	6	0	0
N 60921	NSWC DAHLGREN DIVISION DET	COMNAVSEASYS	0	0	0	0	0	0	0	0	0	0	0	0
N 68951	NUWC KEYPORT DET ARCTIC	COMNAVSEASYS	2	3	0	0	0	0	0	0	2	3	0	0
N 63394	PORT HUENEME DIVISION NSWC	COMNAVSEASYS	0	0	63	0	0	0	-50	0	0	0	13	0
X DDI	DATA DISPOSAL, INC	unknown	0	0	0	0	0	0	0	0	0	0	0	0
X ECC	EVERGREEN CONCESSIONS CO	unknown	0	0	0	0	0	0	0	0	0	0	0	0
X LPA	LA PETITE ACADEMY, INC	unknown	0	0	0	0	0	0	0	0	0	0	0	0
X MPL	MARINE PHYSICAL LABORATORY	unknown	0	0	0	0	0	0	0	0	0	0	0	0
X PLFCU	POINT LOMA FEDERAL CREDIT	unknown	0	0	0	0	0	0	0	0	0	0	0	0
X SATO	SCHEDULED AIRLINE TRAFFIC	unknown	0	0	0	0	0	0	0	0	0	0	0	0
X UC	UNIVERSITY OF CALIFORNIA	unknown	0	0	0	0	0	0	0	0	0	0	0	0
		TOTALS:	45	91	2,759	0	0	3	-445	0	45	94	2,314	0

VERIFIED 824

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

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

UIC	NAME	MAJOR CLAIMANT	CITY	STATE	OFF	ENL	CIV	Non-DOD	CLOSED?	FY
N 68592	NCCOSC, RDT&E DIVISION	COMSPANAVWAR	PHILADELPHIA	PA	0	0	0	0		
N 49281	NCCOSC, RDT&E DIVISION	COMSPANAVWAR	WARMINSTER	PA	0	0	0	0		
N 66001	NRaD FIELD OFFICE	COMSPANAVWAR	NORFOLK	VA	0	0	0	0		
N 66001	NRaD FIELD OFFICE (NSAP) CAMP	COMSPANAVWAR	CAMP H. M. SMITH	HI	0	0	0	0		
N 66001	NRaD FIELD OFFICE (NSAP) GAETA	COMSPANAVWAR	GAETA	IT	0	0	0	0		
N 66001	NRaD FIELD OFFICE (NSAP) PEARL	COMSPANAVWAR	PEARL HARBOR	HI	0	0	0	0		
N 66001	NRaD FIELD OFFICE (NSAP) SAN	COMSPANAVWAR	SAN DIEGO	CA	0	0	0	0		
N 66601	NRaD FIELD OFFICE (NSAP)	COMSPANAVWAR	SAN DIEGO	CA	0	0	0	0		
N 66001	NRaD FIELD OFFICE (NSAP)	COMSPANAVWAR	YOKOSUKA	JAP	0	0	0	0		
N 66001	NRaD FIELD OFFICE ARLINGTON	COMSPANAVWAR	ARLINGTON	VA	0	0	0	0		
N 65576	NRaD FIELD OFFICE EL SEGUNDO	COMSPANAVWAR	EL SEGUNDO	CA	0	0	0	0		
N 66001	NRaD FIELD OFFICE MANAMA	COMSPANAVWAR	MANAMA	BA	0	0	0	0		
N 66001	NRaD FIELD OFFICE NEWPORT	COMSPANAVWAR	NEWPORT	RI	0	0	0	0		
N 66601	NRaD FIELD OFFICE NORFOLK	COMSPANAVWAR	NORFOLK	VA	0	0	0	0		
N 66001	NRaD FIELD OFFICE PEARL	COMSPANAVWAR	PEARL HARBOR	HI	0	0	0	0		
N 66001	NRaD FIELD OFFICE SAN	COMSPANAVWAR	SAN CLEMENTE ISLAND	CA	0	0	0	0		
N 43736	NRaD FIELD OFFICE WARNER	COMSPANAVWAR	WARNER ROBINS	GA	0	0	0	0		
N 66001	NRaD FILED OFFICE (NSAP) PEARL	COMSPANAVWAR	PEARL HARBOR	HI	0	0	0	0		
				TOTALS:	0	0	0	0		

NOV-29-1994 12:08 FROM TO 92026531817 P.06

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

UIC	NAME	MAJOR CLAIMANT	CITY	STATE	OFF	ENL	CIV	Non-DOD	CLOSED?	FY
N 60259	BUILDING E-134 WAREHOUSE	CINCPACFLT	NAS MIRAMAR	CA	0	0	0	0		
N 00246	SAN CLEMENTE ISLAND	CINCPACFLT	LOS ANGELES COUNTY	CA	0	0	0	0		
N 61665	COMPUTER PROGRAM	CNET	POINT LOMA	CA	0	0	0	0		
N 63387	MR SOLEDAD TRANSMITTER	COMNAVFAC	SAN DIEGO	CA	0	0	0	0		
N 00244	POINT LOMA ANNEX	COMNAVSUPSYS	SAN DIEGO	CA	0	0	0	0		
N 66001	EXPERIMENTAL TEST FACILITY	COMSPANAVWAR	SENTINEL	AZ	0	0	0	0		
N 66001	LA POSTA ASTROPHYSICAL	COMSPANAVWAR	EAST SAN DEIGO COUNTY	CA	0	0	0	0		
N 66001	MORRIS DAM TEST FACILITY	COMSPANAVWAR	AZUSA	CA	0	0	0	0		
				TOTALS:	0	0	0	0		

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

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

UIC	NAME	MAJOR CLAIMANT	OFF	ENL	CIV	Non-DOD	FY	RECEIVING BASE
D HQ0112	DEF FINANCE & ACCNT SERV DAO-CL	unknown	0	0	39	0		
D D000UA	DEFENSE TECHNICAL INFORMATION	unknown	0	0	12	0		
X USC	US CUSTOMS	unknown	0	0	0	0		
X DDI	DATA DISPOSAL, INC	unknown	0	0	0	0		
X ECC	EVERGREEN CONCESSIONS CO	unknown	0	0	0	0		
X LPA	LA PETITE ACADEMY, INC	unknown	0	0	0	0		
X MPL	MARINE PHYSICAL LABORATORY	unknown	0	0	0	0		
X PLFCU	POINT LOMA FEDERAL CREDIT UNION	unknown	0	0	0	0		
X SATO	SCHEDULED AIRLINE TRAFFIC OFFICE	unknown	0	0	0	0		
X UC	UNIVERSITY OF CALIFORNIA	unknown	0	0	0	0		
		TOTALS:	0	0	51	0		

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): ~~2,785~~ 45.18 VR BUMED 824
← uic 63116 only

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

			***** O&M, etc. *****				***** DBOF *****				***** TOTAL *****			
UIC	NAME	MAJOR CLAIMANT	RPMA NONPAY	RPMA PAY	OBOS NONPAY	OBOS PAY	RPMA NONPAY	RPMA PAY	OBOS NONPAY	OBOS PAY	RPMA NONPAY	RPMA PAY	OBOS NONPAY	OBOS PAY
43639	DEFENSE PRINTING SERVICE	COMNAVSUPSYSCO	0	0	0	0	1	0	44	0	1	0	44	0
63116	NAVAL HEALTH RESEARCH	BUMED	243	0	765	1403	0	0	0	0	243	0	765	1403
66001	NCCOSC RDTE DIV	COMSPANAVWARC	51	0	70	223	5097	0	53993	32450	5148	0	54063	32675
68221	NAVPERSRANCCEN SAN DIEGO	CHNAVPER	0	0	0	0	270	84	1345	2301	270	84	1345	2301
		TOTALS:	294	0	835	1626	5368	84	55382	34751	5662	84	56217	36379

→ RDT+E appropriation vs O+M Navy VR BUMED 824

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

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

UIC	NAME	MAJOR CLAIMANT	TOTAL CONTRACT WORKYEARS	NO. OF WORK-YEARS TO BE TRANSFERRED	NO. OF WORK-YEARS TO BE ELIMINATED	NO. OF WORK-YEARS REMAINING AT ACTIVITY
43639	DEFENSE PRINTING SERVICE BRACH	COMNAVSUPSYS	0	0	0	0
63116	NAVAL HEALTH RESEARCH CENTER	BUMED	70	70	0	0
66001	NCCOSC RDTE DIV	COMSPANAVWAR	2,312	2,262	13	37
68221	NAVPERSRANDCEN SAN DIEGO	CHNAVPER	48	3	45	0
		TOTALS:	2,430	2,335	58	37

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
NHRC San DIego	** BUPERS, Memphis TN	Medical Research

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".

** Based on the wording of this scenario, BUPERS will become the major claimant of NHRC, San Diego if consolidated with NPRDC at Memphis, TN. The medical research mission of NHRC currently falls within the claimancy of BUMED for policy, personnel, funds and oversight. BUMED should retain major claimancy of NHRC since the focus of the mission is fleet and MArine Corps biomedical issues while the NPRDC mission focuses on general personnel research.

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:	NHRC, San Diego

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: NHRC, San DIego

To Gaining Base: BUPERS, Memphis, TN

UIC	Name	Type	1996	1997	1998	1999	2000	2001	Total
	BUPERS	Officer				7			7
		Enlisted				5			5
		Civilian				57			57
		Mil Stu							
		Officer							
		Enlisted							
		Civilian							
		Mil Stu							
		Officer							
		Enlisted							
		Civilian							
		Mil Stu							
		Officer							
		Enlisted							
		Civilian							
		Mil Stu							
		Officer							
		Enlisted							
		Civilian							
		Mil Stu							
	TOTAL	Officer				7			7
		Enlisted				5			5
		Civilian				57			57
		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 bottom of the corresponding Table 2-A.

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

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

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

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

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

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

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

From Losing Base:	NHRC San Diego CA						
To Gaining Base:	BUPERS, Memphis, TN						
	1996	1997	1998	1999	2000	2001	Total
Officer Billets				7			7
Enlisted Billets				5			5
Civilian Positions				57			57
Military Students							
Tons of Mission Equipment				115			115
Tons of Support Equipment				85			85
Number of Light Vehicles				4			4
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
1 sedan, 3 vans (2 mini, 1 8 passenger)	Less expensive to relocate than purchase at new site
2 environmental chambers swim flume treadmill undersea weighing tank biomechanics tank mainframe computer facility technicial research library	

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: NHRC San DIego

UIC	Name	Type	1996	1997	1998	1999	2000	2001	Total
63116	NHRC San DIego	Officer				3			3
		Enlisted				2			2
		Civilian			10				10
		Officer							
		Enlisted							
		Civilian							
		Officer							
		Enlisted							
		Civilian							
		Officer							
		Enlisted							
		Civilian							
		Officer							
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		Enlisted							
		Civilian							
		Officer							
		Enlisted							
		Civilian							
		Officer							
		Enlisted							
		Civilian							
	TOTAL	Officer				3			3
		Enlisted				2			2
		Civilian			10				10

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)

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:	10	7	68		85
B. Force Structure Changes(+/-):			-1		-1
C. Prior BRAC Changes (+/-):					
D. End FY 2001:	10	7	67		84
Moving to (List each Gaining Base):					
1. BUPERS, Memphis	7	5	57		69
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
E. Total Billets/Positions Moving:	7	5	57		69
F. Eliminated Billets/Positions:	3	2	10		15
G. Remaining at Losing Base:					
H. Sum of Lines E, F, and G:	10	7	67		84

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) <u>must</u> **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: N/A							
	1996	1997	1998	1999	2000	2001	Total
Military Caretakers							
Civilian Caretakers							

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: N/A

	Cost	FY	Description
1.			

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: N/A

	Cost	FY	Gaining Base	Description
1.				

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: NHRC San Diego						
Gaining Base	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001 and Beyond
1. BUPERS, Memphis TN				185.3K	185.3K	185.3K
Description: Travel for Navy/Marine Corps subjects for in-house laboratory studies*						
2. BUPERS, Memphis TN				454.9K	454.9K	454.9K
Description: Investigator travel to conduct field studies in San Diego/ Camp Pendleton						
3. 468 travelers x airline cost ($532) x per diem (4+days)						
Description:						
4.						
Description:						
5.						
Description:						

Add additional lines to worksheet as necessary.

* at $110/day
* 240 subjects/yr x airline cost ($532) x perdiem ($ days at $110/day)

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: NHRC, San Diego						
Gaining Base	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001 and Beyond
1. BUPERS, Memphis				45K	45K	45K
Description: Locality pay						
2.						
Description:						
3.						
Description:						
4.						
Description:						
5.						
Description:						

Add additional lines to worksheet as necessary.

Based on Jan 94 locality pay component

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: N/A

	Annual Cost	FY	Description
1.			

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: N/A

	Annual Savings	FY	Description
1.			

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: N/A

	Revenues	No. of Acres	Rationale
1.			

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: N/A

	Cost	FY	One-Time/Recurring	Explanation
1.				

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

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: NHRC San Diego, CA

Facility KSF Shutdown: 45 18

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:								
		1996	1997	1998	1999	2000	2001	Total
a.	One-Time Unique Costs							
b.	One-Time Unique Svgs							
c.	One-Time Move Costs							
d.	Net Mission Costs				640.2K	640.2K	640.2K	1920.6K
e.	Net Mission Savings				45K	45K	45K	135K
f.	Misc Recur Costs							
g.	Misc Recur Savings							
h.	Land Sales							
i.	Procurement Cost Avoid							

j. Fac. Shutdown (KSF)	45,180

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:	BUPERS Memphis TN

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: N/A

	Cost	FY	Location	Description
1.				

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: N/A

	Cost	FY	Description
1.			

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: N/A

	Cost	FY	Description
1.			

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: N/A

	Cost	FY	Description
1.			

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: N/A

	Annual Cost	FY	Description
1.			

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: N/A

	Annual Savings	FY	Description
1.			

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: N/A

	Cost	No. of Acres	FY	Description
1.				

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:	N/A						
	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							
f. Land Purchases							

* 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:			
Category (Unit)	New Construction Requirement	Rehabilitation Requirement	Comment
Horizontal (SY)			
Berthing (FB)			
Air Maintenance (SF)			
Other Operations (SF)			
Administrative (SF)		10,650	
Training (SF)			
Maintenance (SF)			
Bachelor Quarters (SF)			
Supply/Storage (SF)		2,020	
Dining Facilities (SF)			
Personnel Support (SF)			
Communications (SF)			
Ship Maintenance (SF)			
RDT&E (SF)		32,330	
POL Storage (BL)			
Ammo Storage (SF)			
Medical Facilities (SF)			
Environmental	$	$	
Other: - - -	 $ $ $	 $ $ $	

BRAC-95 CERTIFICATION

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

CAPT Larry M. Dean
NAME (Please type or print)

Signature

Commanding Officer
Title

15 DEC 1994
Date

Division

Department

Naval Health Research 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)

T. N. JONES, CAPT, MSC, USN

NAME (Please type or print)

COMMANDING OFFICER

Title

NAVAL MEDICAL RESEARCH & DEVELOPMENT COMMAND

Activity

Signature

JAN 5 1995

Date

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)

Title

Activity

Signature

Date

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

MAJOR CLAIMANT LEVEL

D. F. HAGEN, VADM, MC, USN

NAME (Please type or print)

CHIEF BUMED/SURGEON GENERAL

Title

BUREAU OF MEDICINE AND SURGERY

Activity

Signature

X Jan 5, 95

Date

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)

Title

Signature

Date

BRAC-95 Scenario Development Data Call Tasking

Scenario Number:	3-20-0183-074
Scenario Title:	NHRC San Diego

Due Date:	1300 EST, 1 December 1994

Description of Closure/Realignment Scenario

Close the Naval Health Research Center San Diego. Consolidate with NPRDC/BUPERS in Memphis, TN.

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 3-20-0183-074A.

BSAT Points of Contact

Any questions concerning this specific closure/realignment scenario should be addressed to the 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.

This scenario is an alternative which has been provided to the Department of the Navy by the BRAC-95 DoD Joint/Cross Service Working Groups

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

Activity: 66001 NCCOSC RDTE DIV

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 bases in support of the FY 1996/1997 OSD Submit. Review this list and make any necessary annotations, including the addition or deletion of lines of data to accurately reflect the host and tenant population. Note that Military Students (STU) must be shown as an Average On-Board (AOB) count. If a significant student population is located at the activity, then all students need to be identified in this table. Student data need only be provided for the "End of FY 2001" column of the table. If any numbers are changed, please provide a revised set of totals at the end of the listing.

UIC	NAME	MAJOR CLAIMANT	BEGIN FY 1996 OFF	ENL	CIV	STU	PLANNED FORCE STRUCTURE CHANGES OFF	ENL	CIV	STU	END FY 2001 OFF	ENL	CIV	STU
N 66001	NCCOSC RDTE DIV	COMSPANAVWAR	23	11	2,477	0	0	1	-392	0	23	12	2,085	0
N 63116	NHRC	BUMED	12	7	58	0	0	2	-1	0	12	9	57	0
N 68221	NAVPERSRANDCEN SAN DIEGO	CHNAVPER	4	13	149	0	0	0	0	0	4	13	149	0
N 68221	NAVY PERSONNEL RESEARCH	CHNAVPER	0	0	0	0	0	0	0	0	0	0	0	0
N 41341	NMPC SUPPORT ACTIVITY DET	CHNAVPER	1	18	0	0	0	0	0	0	1	18	0	0
N 00242	NAVAL BASE SAN DIEGO FIRE	CINCPACFLT	0	0	0	0	0	0	0	0	0	0	0	0
N 68554	PERSONNEL SUPPORT ACTIVITY	CINCPACFLT	1	33	12	0	0	0	-2	0	1	33	10	0
M 66001	LNO NAV OCEAN SYS CTR SAN	COMMARCOR	0	0	0	0	0	0	0	0	0	0	0	0
N 63387	NAVY PUBLIC WORK CENTER	COMNAVFAC	0	0	0	0	0	0	0	0	0	0	0	0
N 39353	INTEGRATED COMBAT SYSTEMS	COMNAVSEASYS	2	6	0	0	0	0	0	0	2	6	0	0
N 60921	NSWC DAHLGREM DIVISION DET	COMNAVSEASYS	0	0	0	0	0	0	0	0	0	0	0	0
N 68951	NUWC KEYPORT DET ARCTIC	COMNAVSEASYS	2	3	0	0	0	0	0	0	2	3	0	0
N 63394	PORT HUENEME DIVISION NSWC	COMNAVSEASYS	0	0	63	0	0	0	-50	0	0	0	13	0
X DDI	DATA DISPOSAL, INC	unknown	0	0	0	0	0	0	0	0	0	0	0	0
X ECC	EVERGREEN CONCESSIONS CO	unknown	0	0	0	0	0	0	0	0	0	0	0	0
X LPA	LA PETITE ACADEMY, INC	unknown	0	0	0	0	0	0	0	0	0	0	0	0
X MPL	MARINE PHYSICAL LABORATORY	unknown	0	0	0	0	0	0	0	0	0	0	0	0
X PLFCU	POINT LOMA FEDERAL CREDIT	unknown	0	0	0	0	0	0	0	0	0	0	0	0
X SATO	SCHEDULED AIRLINE TRAFFIC	unknown	0	0	0	0	0	0	0	0	0	0	0	0
X UC	UNIVERSITY OF CALIFORNIA	unknown	0	0	0	0	0	0	0	0	0	0	0	0
		TOTALS:	45	91	2,759	0	0	3	-445	0	45	94	2,314	0

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

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

UIC	NAME	MAJOR CLAIMANT	CITY	STATE	OFF	ENL	CIV	Non-DOD	CLOSED?	FY
N 68592	NCCOSC, RDT&E DIVISION	COMSPANAVWAR	PHILADELPHIA	PA	0	0	0	0		
N 49281	NCCOSC, RDT&E DIVISION	COMSPANAVWAR	WARMINSTER	PA	0	0	0	0		
N 66001	NRaD FIELD OFFICE	COMSPANAVWAR	NORFOLK	VA	0	0	0	0		
N 66001	NRaD FIELD OFFICE (NSAP) CAMP	COMSPANAVWAR	CAMP H. M. SMITH	HI	0	0	0	0		
N 66001	NRaD FIELD OFFICE (NSAP) GAETA	COMSPANAVWAR	GAETA	IT	0	0	0	0		
N 66001	NRaD FIELD OFFICE (NSAP) PEARL	COMSPANAVWAR	PEARL HARBOR	HI	0	0	0	0		
N 66001	NRaD FIELD OFFICE (NSAP) SAN	COMSPANAVWAR	SAN DIEGO	CA	0	0	0	0		
N 66601	NRaD FIELD OFFICE (NSAP)	COMSPANAVWAR	SAN DIEGO	CA	0	0	0	0		
N 66001	NRaD FIELD OFFICE (NSAP)	COMSPANAVWAR	YOKOSUKA	JAP	0	0	0	0		
N 66001	NRaD FIELD OFFICE ARLINGTON	COMSPANAVWAR	ARLINGTON	VA	0	0	0	0		
N 65576	NRaD FIELD OFFICE EL SEGUNDO	COMSPANAVWAR	EL SEGUNDO	CA	0	0	0	0		
N 66001	NRaD FIELD OFFICE MANAMA	COMSPANAVWAR	MANAMA	BA	0	0	0	0		
N 66001	NRaD FIELD OFFICE NEWPORT	COMSPANAVWAR	NEWPORT	RI	0	0	0	0		
N 66601	NRaD FIELD OFFICE NORFOLK	COMSPANAVWAR	NORFOLK	VA	0	0	0	0		
N 66001	NRaD FIELD OFFICE PEARL	COMSPANAVWAR	PEARL HARBOR	HI	0	0	0	0		
N 66001	NRaD FIELD OFFICE SAN	COMSPANAVWAR	SAN CLEMENTE ISLAND	CA	0	0	0	0		
N 43736	NRaD FIELD OFFICE WARNER	COMSPANAVWAR	WARNER ROBINS	GA	0	0	0	0		
N 66001	NRaD FILED OFFICE (NSAP) PEARL	COMSPANAVWAR	PEARL HARBOR	HI	0	0	0	0		
				TOTALS:	0	0	0	0		

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

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

UIC	NAME	MAJOR CLAIMANT	CITY	STATE	OFF	ENL	CIV	Non-DOD	CLOSED?	FY
N 60259	BUILDING E-134 WAREHOUSE	CINCPACFLT	NAS MIRAMAR	CA	0	0	0	0		
N 00246	SAN CLEMENTE ISLAND	CINCPACFLT	LOS ANGELES COUNTY	CA	0	0	0	0		
N 61665	COMPUTER PROGRAM	CNET	POINT LOMA	CA	0	0	0	0		
N 63387	MR SOLEDAD TRANSMITTER	COMNAVFAC	SAN DIEGO	CA	0	0	0	0		
N 00244	POINT LOMA ANNEX	COMNAVSUPSYS	SAN DIEGO	CA	0	0	0	0		
N 66001	EXPERIMENTAL TEST FACILITY	COMSPANAVWAR	SENTINEL	AZ	0	0	0	0		
N 66001	LA POSTA ASTROPHYSICAL	COMSPANAVWAR	EAST SAN DEIGO COUNTY	CA	0	0	0	0		
N 66001	MORRIS DAM TEST FACILITY	COMSPANAVWAR	AZUSA	CA	0	0	0	0		
				TOTALS:	0	0	0	0		

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

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

UIC	NAME	MAJOR CLAIMANT	OFF	ENL	CIV	Non-DOD	FY	RECEIVING BASE
D HQ0112	DEF FINANCE & ACCNT SERV DAO-CL	unknown	0	0	39	0		
D D000UA	DEFENSE TECHNICAL INFORMATION	unknown	0	0	12	0		
X USC	US CUSTOMS	unknown	0	0	0	0		
X DDI	DATA DISPOSAL, INC	unknown	0	0	0	0		
X ECC	EVERGREEN CONCESSIONS CO	unknown	0	0	0	0		
X LPA	LA PETITE ACADEMY, INC	unknown	0	0	0	0		
X MPL	MARINE PHYSICAL LABORATORY	unknown	0	0	0	0		
X PLFCU	POINT LOMA FEDERAL CREDIT UNION	unknown	0	0	0	0		
X SATO	SCHEDULED AIRLINE TRAFFIC OFFICE	unknown	0	0	0	0		
X UC	UNIVERSITY OF CALIFORNIA	unknown	0	0	0	0		
		TOTALS:	0	0	51	0		

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

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

Total Facility Square Feet (in thousands): 1,785

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

			***** O&M, etc. *****				***** DBOF *****				***** TOTAL *****			
UIC	NAME	MAJOR CLAIMANT	RPMA NONPAY	RPMA PAY	OBOS NONPAY	OBOS PAY	RPMA NONPAY	RPMA PAY	OBOS NONPAY	OBOS PAY	RPMA NONPAY	RPMA PAY	OBOS NONPAY	OBOS PAY
43639	DEFENSE PRINTING SERVICE	COMNAVSUPSYSCO	0	0	0	0	1	0	44	0	1	0	44	0
63116	NAVAL HEALTH RESEARCH	BUMED	243	0	765	1403	0	0	0	0	243	0	765	1403
66001	NCCOSC RDTE DIV	COMSPANAVWARC	51	0	70	225	5097	0	53993	32450	5148	0	54063	32675
68221	NAVPERSRANDCEN SAN DIEGO	CHNAVPER	0	0	0	0	270	84	1345	2301	270	84	1345	2301
		TOTALS:	294	0	835	1628	5368	84	55382	34751	5662	84	56217	36379

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

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

UIC	NAME	MAJOR CLAIMANT	TOTAL CONTRACT WORKYEARS	NO. OF WORK-YEARS TO BE TRANSFERRED	NO. OF WORK-YEARS TO BE ELIMINATED	NO. OF WORK-YEARS REMAINING AT ACTIVITY
43639	DEFENSE PRINTING SERVICE BRACH	COMNAVSUPSYS	0	0	0	0
63116	NAVAL HEALTH RESEARCH CENTER	BUMED	70	70	0	0
66001	NCCOSC RDTE DIV	COMSPANAVWAR	2,312	2,262	13	37
68221	NAVPERSRANDCEN SAN DIEGO	CHNAVPER	48	3	45	0
		TOTALS:	2,430	2,335	58	37

BSAT

Department of the Navy
Base Structure Analysis Team

BRAC-95 Scenario Development Data Call Tasking

URGENT

To: CDR Veronica Rubin		Office - 202-653-0158
Organization : BUMED		
Fax Number : 202-653-1817	Date : 29 Nov 94	Time : 1000

Complete a BRAC-95 Scenario Development Data Call response for the closure/realignment scenario(s) outlined on the next page. A Base Loading Data Attachment (Attachment One to the Scenario Development Data Call) for each losing base involved in the scenario has been provided with this fax tasking. General guidance in preparing data call responses is provided below. Specific guidance on the closure/realignment scenario is provided on the next page.

In developing your Data Call response, every effort should be made to minimize the costs associated with the closure action and to ensure that completion of the action takes place as rapidly as possible. The BSEC tasking for this scenario may include specific directions on the relocation of functions/organizations. In the absence of specific direction from the BSEC, only essential functions, equipment, etc., should be relocated. All others should be eliminated/excessed. To this end, for any activity identified as being relocated in your data call response (with the exception of relocations specifically identified by the BSEC), you must provide a detailed narrative explanation on the specific operational requirement that supports movement to another location as opposed to elimination of the activity.

As the lead major claimant for this data call response, it is your responsibility to ensure that all necessary coordination with other major claimants and consolidation/summarization of responses is completed prior to submitting a data call response. Contact the BSAT if you need a POC list for other major claimants.

As detailed in the Scenario Development Data Call format, the following data submission and certification procedures will be followed. An advance copy of the completed data call response, along with a major claimant-level certification, will be either hand carried or faxed to the BSAT by the lead major claimant. The original copy of the data call response must be forwarded, via the chain of command, as soon as possible thereafter.

Due date for submission of the advance copy of the data call response, along with POCs on the BSAT for this scenario, are provided on the next page. Every effort must be made to ensure that data calls are submitted on time. Primary fax number for the BSAT for Scenario Development Data Call responses is (703) 756-2172. An alternate fax number is (703) 756-2174. Due to the size of some of these data call responses, major claimants in the Washington, DC area should try to hand deliver, rather than fax their responses.

* * * * * ***48 Hour Turnaround Required*** * * * * *

Number of Pages, including cover page: 10

URGENT

BRAC-95 Scenario Development Data Call Tasking

Base Loading Data Attachment

A Base Loading Data Attachment (Attachment One to the Scenario Development Data Call) is provided, with this fax, for each base in the scenario which is being considered for closure/realignment. See pages 3 - 4 of the Introduction to the Scenario Development Data Call, and the text accompanying each part of this Attachment, for more information on the use of the Base Loading Data Attachment in responding to Scenario Development Data Call taskings. The Base Loading Data Attachment is composed of the following seven parts (note that parts 5 and 6 are shown on the same page):

Part 1: Manpower Data - Host and Tenants. Table is a listing of the host activity and all tenant activities at the base. Manpower numbers (end strength) are shown for the start of FY 1996 (End FY 1995) and the end of FY 2001 (the difference between these two columns being the planned force structure changes).

Part 2: Manpower Data - Detachments. Table is a listing of detachments of the activity being considered for closure/realignment.

Part 3: Manpower Data - Special Use Areas. Table is a listing of "special use areas" of the activity being considered for closure/realignment.

Part 4: Manpower Data - Non-Department of the Navy (DON) Tenants. Table is a listing of the Non-DON tenant activities at the base.

Part 5: Total Facility Square Feet. Total Class 2 facility square feet at the base, excluding family housing, MWR and utilities, as reported in the Naval Facilities Assets Data Base(NFADB).

Part 6: Base Operating Support (BOS) Cost Data. FY 1996 BOS Costs, regardless of appropriation, as reported in Data Call 66 response(s).

Part 7: Contract Workyear Data. Contract Workyear data, as reported in Data Call 66 response(s).

If a blank page is printed rather than one of the "Parts" of the Base Loading Data Attachment, then no records were found for this particular table (e.g., the activity had no detachments, etc.).

BRAC-95 Scenario Development Data Call Tasking

Additional Guidance For Scenarios Involving Other Military Departments/Defense Agencies

In preparing BRAC-95 Scenario Development Data Call responses, the following additional guidance must be followed.

For any data call response that involves the movement of personnel/functions to an Army, Air Force or Defense Agency installation, the Scenario Development Data Call response must merely identify facility requirements associated with this relocation, rather than actually estimating whether any MILCON will be required at the receiving site. Specifically, identify the number of officer, enlisted, military students and/or civilian positions required to be relocated, any estimates of equipment to be relocated (excluding administrative equipment) and a complete set of facility requirements associated with the transfer (i.e., by type of facility, the number of square feet, etc., required to accommodate the transferring functions). Do not attempt to get information from the receiving site; the translation of these facility requirements into MILCON estimates will be obtained from the appropriate DoD Component's base closure office.

The following guidance will be followed when dealing with any Army, Air Force or Defense Agency tenant activities which need to be relocated as a result of a closure/realignment alternative. Do not ask these tenants to identify a relocation site. Instead, identify the name of the tenant, the number of officer, enlisted, military students and/or civilian positions required to be relocated, any estimates of equipment to be relocated (excluding administrative equipment) and a complete set of facility requirements associated with the transfer (i.e., by type of facility, the number of square feet, etc., required to accommodate the transferring functions).

The following scenario(s) are alternatives which have been provided to the Department of the Navy by the BRAC-95 DoD Joint/Cross Service Working Groups

BRAC-95 Scenario Family Housing Data

Scenario No.:	3-20-183-74
Losing Base:	NHRC SAN DIEGO
Date:	12/5/94

1. Percentage of Family Housing which can be shut down at the Losing Base:

0 %

2. Family Housing Construction Requirements at Gaining Bases:

Gaining Base Name	No. of New Units	No. of Existing Units to be Rehab.
BUPERS MEMPHIS	0	

3. Purchase of Land at Gaining Bases for Family Housing Construction:

Gaining Base Name	No. of Acres	Cost ($000)

4. Additional Comments:

Not enough personnel to require housing action.

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

MAJOR CLAIMANT LEVEL

J. E. BUFFINGTON, RADM, CEC, USN
NAME (Please type or print)

Signature

COMMANDER
Title

1/30/95
Date

NAVAL FACILITIES ENGINEERING COMMAND
Activity

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

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

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

Signature

Title

2/14/95
Date

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

NEXT ECHELON LEVEL (if applicable)

CAPTAIN DON G. MORRIS
NAME (Please type or print)

Donald G. Morris
Signature

DIRECTOR OF HOUSING
Title

27 January 1995
Date

NAVFACENGCOM
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

Title

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)

NAME (Please type or print)

Signature

Title

Date

BRAC-95 CERTIFICATION

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

Joseph C. Ward
NAME (Please type or print)

Signature

Housing Management Specialist
Title

1/26/95
Date

Resource
Division

Family Housing
Department

NAVFACENGCOM
Activity

Enclosure (1)

Document Separator

3-20-183-74
NHRC SAN DIEGO
(NHRC SAN DIEGO)
BUMED

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.:	3-20-0183-074
Scenario Title:	NHRC San Diego CA
Date:	15 DEC 94

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:	CDR V. Rubin
Organization/Code:	BUMED/MED 824
Office Phone Number:	202 653 0158
Fax Number:	202 653 0877
Home Phone Number:	703 553 8654

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

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

Activity: 66001 NCCOSC RDTE DIV

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

UIC	NAME	MAJOR CLAIMANT	BEGIN FY 1996 OFF	ENL	CIV	STU	PLANNED FORCE STRUCTURE CHANGES OFF	ENL	CIV	STU	END FY 2001 OFF	ENL	CIV	STU
N 66001	NCCOSC RDTE DIV	COMSPANAVWAR	23	11	2,477	0	0	1	-392	0	23	12	2,085	0
N 63116	NHRC	BUMED	~~12~~ 10	7	~~56~~ 68	0	0	~~2~~	-1	0	~~12~~ 10	~~8~~ 7	~~57~~ 67	0
N 68221	NAVPERSRANDCEN SAN DIEGO	CHNAVPER	4	13	149	0	0	0	0	0	4	13	149	0
N 68221	NAVY PERSONNEL RESEARCH	CHNAVPER	0	0	0	0	0	0	0	0	0	0	0	0
N 41341	NMPC SUPPORT ACTIVITY DET	CHNAVPER	1	18	0	0	0	0	0	0	1	18	0	0
N 00242	NAVAL BASE SAN DIEGO FIRE	CINCPACFLT	0	0	0	0	0	0	0	0	0	0	0	0
N 68554	PERSONNEL SUPPORT ACTIVITY	CINCPACFLT	1	33	12	0	0	0	-2	0	1	33	10	0
N 66001	LNO NAV OCEAN SYS CTR SAN	COMMARCOR	0	0	0	0	0	0	0	0	0	0	0	0
N 63387	NAVY PUBLIC WORK CENTER	COMNAVFAC	0	0	0	0	0	0	0	0	0	0	0	0
N 39353	INTEGRATED COMBAT SYSTEMS	COMNAVSEASYS	2	6	0	0	0	0	0	0	2	6	0	0
N 60921	NSWC DAHLGREM DIVISION DET	COMNAVSEASYS	0	0	0	0	0	0	0	0	0	0	0	0
N 68951	NUWC KEYPORT DET ARCTIC	COMNAVSEASYS	2	3	0	0	0	0	0	0	2	3	0	0
N 63394	PORT HUENEME DIVISION NSWC	COMNAVSEASYS	0	0	63	0	0	0	-50	0	0	0	13	0
X DDI	DATA DISPOSAL, INC	unknown	0	0	0	0	0	0	0	0	0	0	0	0
X ECC	EVERGREEN CONCESSIONS CO	unknown	0	0	0	0	0	0	0	0	0	0	0	0
X LPA	LA PETITE ACADEMY, INC	unknown	0	0	0	0	0	0	0	0	0	0	0	0
X MPL	MARINE PHYSICAL LABORATORY	unknown	0	0	0	0	0	0	0	0	0	0	0	0
X PLFCU	POINT LOMA FEDERAL CREDIT	unknown	0	0	0	0	0	0	0	0	0	0	0	0
X SATO	SCHEDULED AIRLINE TRAFFIC	unknown	0	0	0	0	0	0	0	0	0	0	0	0
X UC	UNIVERSITY OF CALIFORNIA	unknown	0	0	0	0	0	0	0	0	0	0	0	0
		TOTALS:	45	91	2,759	0	0	3	-445	0	45	94	2,314	0

NOV-29-1994 12:07 FROM TO 5202653181 7 P.05

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

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

UIC	NAME	MAJOR CLAIMANT	CITY	STATE	OFF	ENL	CIV	Non-DOD	CLOSED?	FY
N 68592	NCCOSC, RDT&E DIVISION	COMSPANAVWAR	PHILADELPHIA	PA	0	0	0	0		
N 49281	NCCOSC, RDT&E DIVISION	COMSPANAVWAR	WARMINSTER	PA	0	0	0	0		
N 66001	NRaD FIELD OFFICE	COMSPANAVWAR	NORFOLK	VA	0	0	0	0		
N 66001	NRaD FIELD OFFICE (NSAP) CAMP	COMSPANAVWAR	CAMP H. M. SMITH	HI	0	0	0	0		
N 66001	NRaD FIELD OFFICE (NSAP) GAETA	COMSPANAVWAR	GAETA	IT	0	0	0	0		
N 66001	NRaD FIELD OFFICE (NSAP) PEARL	COMSPANAVWAR	PEARL HARBOR	HI	0	0	0	0		
N 66001	NRaD FIELD OFFICE (NSAP) SAN	COMSPANAVWAR	SAN DIEGO	CA	0	0	0	0		
N 66601	NRaD FIELD OFFICE (NSAP)	COMSPANAVWAR	SAN DIEGO	CA	0	0	0	0		
N 66001	NRaD FIELD OFFICE (NSAP)	COMSPANAVWAR	YOKOSUKA	JAP	0	0	0	0		
N 66001	NRaD FIELD OFFICE ARLINGTON	COMSPANAVWAR	ARLINGTON	VA	0	0	0	0		
N 65576	NRaD FIELD OFFICE EL SEGUNDO	COMSPANAVWAR	EL SEGUNDO	CA	0	0	0	0		
N 66001	NRaD FIELD OFFICE MANAMA	COMSPANAVWAR	MANAMA	BA	0	0	0	0		
N 66001	NRaD FIELD OFFICE NEWPORT	COMSPANAVWAR	NEWPORT	RI	0	0	0	0		
N 66601	NRaD FIELD OFFICE NORFOLK	COMSPANAVWAR	NORFOLK	VA	0	0	0	0		
N 66001	NRaD FIELD OFFICE PEARL	COMSPANAVWAR	PEARL HARBOR	HI	0	0	0	0		
N 66001	NRaD FIELD OFFICE SAN	COMSPANAVWAR	SAN CLEMENTE ISLAND	CA	0	0	0	0		
N 43736	NRaD FIELD OFFICE WARNER	COMSPANAVWAR	WARNER ROBINS	GA	0	0	0	0		
N 66001	NRaD FILED OFFICE (NSAP) PEARL	COMSPANAVWAR	PEARL HARBOR	HI	0	0	0	0		
				TOTALS:	0	0	0	0		

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

UIC	NAME	MAJOR CLAIMANT	CITY	STATE	OFF	ENL	CIV	Non-DOD	CLOSED?	FY
N 60259	BUILDING E-134 WAREHOUSE	CINCPACFLT	NAS MIRAMAR	CA	0	0	0	0		
N 00246	SAN CLEMENTE ISLAND	CINCPACFLT	LOS ANGELES COUNTY	CA	0	0	0	0		
N 61665	COMPUTER PROGRAM	CNET	POINT LOMA	CA	0	0	0	0		
N 63387	MR SOLEDAD TRANSMITTER	COMNAVFAC	SAN DIEGO	CA	0	0	0	0		
N 00244	POINT LOMA ANNEX	COMNAVSUPSYS	SAN DIEGO	CA	0	0	0	0		
N 66001	EXPERIMENTAL TEST FACILITY	COMSPANAVWAR	SENTINEL	AZ	0	0	0	0		
N 66001	LA POSTA ASTROPHYSICAL	COMSPANAVWAR	EAST SAN DEIGO COUNTY	CA	0	0	0	0		
N 66001	MORRIS DAM TEST FACILITY	COMSPANAVWAR	AZUSA	CA	0	0	0	0		
				TOTALS:	0	0	0	0		

NOV-29-1994 12:09 FROM TO 92026531817 P.07

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

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

UIC	NAME	MAJOR CLAIMANT	OFF	ENL	CIV	Non-DOD	FY	RECEIVING BASE
D HQ0112	DEF FINANCE & ACCNT SERV DAO-CL	unknown	0	0	39	0		
D D000UA	DEFENSE TECHNICAL INFORMATION	unknown	0	0	12	0		
X USC	US CUSTOMS	unknown	0	0	0	0		
X DDI	DATA DISPOSAL, INC	unknown	0	0	0	0		
X ECC	EVERGREEN CONCESSIONS CO	unknown	0	0	0	0		
X LPA	LA PETITE ACADEMY, INC	unknown	0	0	0	0		
X MPL	MARINE PHYSICAL LABORATORY	unknown	0	0	0	0		
X PLFCU	POINT LOMA FEDERAL CREDIT UNION	unknown	0	0	0	0		
X SATO	SCHEDULED AIRLINE TRAFFIC OFFICE	unknown	0	0	0	0		
X UC	UNIVERSITY OF CALIFORNIA	unknown	0	0	0	0		
		TOTALS:	0	0	51	0		

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

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

Total Facility Square Feet (in thousands): ~~1,785~~ 45.18 VR BUMED 824
← uic 63116 only

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

			***** O&M, etc. *****				***** DBOF *****				***** TOTAL *****			
UIC	NAME	MAJOR CLAIMANT	RPMA NONPAY	RPMA PAY	OBOS NONPAY	OBOS PAY	RPMA NONPAY	RPMA PAY	OBOS NONPAY	OBOS PAY	RPMA NONPAY	RPMA PAY	OBOS NONPAY	OBOS PAY
43639	DEFENSE PRINTING SERVICE	COMNAVSUPSYSCO	0	0	0	0	1	0	44	0	1	0	44	0
63116	NAVAL HEALTH RESEARCH	BUMED	243	0	765	1403	0	0	0	0	243	0	765	1403
66001	NCCOSC RDTE DIV	COMSPANAVWARC	51	0	70	223	5097	0	53993	32450	5148	0	54063	32675
68221	NAVPERSRANCCEN SAN DIEGO	CHNAVPER	0	0	0	0	270	84	1345	2301	270	84	1345	2301
		TOTALS:	294	0	835	1626	5368	84	55382	34751	5662	84	56217	36379

→ RDT+E Appropriation vs O+M Navy VR BUMED 824

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

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

UIC	NAME	MAJOR CLAIMANT	TOTAL CONTRACT WORKYEARS	NO. OF WORK-YEARS TO BE TRANSFERRED	NO. OF WORK-YEARS TO BE ELIMINATED	NO. OF WORK-YEARS REMAINING AT ACTIVITY
43639	DEFENSE PR NTING SERVICE BRACH	COMNAVSUPSYS	0	0	0	0
63116	NAVAL HEALTH RESEAFCH CENTER	BUMED	70	70	0	0
66001	NCCOSC RDTE DIV	COMSPANAVWAR	2,312	2,262	13	37
68221	NAVPERSRANDCEN SAN DIEGO	CHNAVPER	48	3	45	0
		TOTALS:	2,430	2,335	58	37

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
NHRC San DIego	** BUPERS, Memphis TN	Medical Research

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".

** Based on the wording of this scenario, BUPERS will become the major claimant of NHRC, San Diego if consolidated with NPRDC at Memphis, TN. The medical research mission of NHRC currently falls within the claimancy of BUMED for policy, personnel, funds and oversight. BUMED should retain major claimancy of NHRC since the focus of the mission is fleet and MArine Corps biomedical issues while the NPRDC mission focuses on general personnel research.

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:	NHRC, San Diego

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: NHRC, San DIego

To Gaining Base: BUPERS, Memphis, TN

UIC	Name	Type	1996	1997	1998	1999	2000	2001	Total
	BUPERS	Officer				7			7
		Enlisted				5			5
		Civilian				57			57
		Mil Stu							
		Officer							
		Enlisted							
		Civilian							
		Mil Stu							
		Officer							
		Enlisted							
		Civilian							
		Mil Stu							
		Officer							
		Enlisted							
		Civilian							
		Mil Stu							
		Officer							
		Enlisted							
		Civilian							
		Mil Stu							
	TOTAL	Officer				7			7
		Enlisted				5			5
		Civilian				57			57
		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 bottom of the corresponding Table 2-A.

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

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

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

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

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

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

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

From Losing Base: NHRC San Diego CA							
To Gaining Base: BUPERS, Memphis, TN							
	1996	1997	1998	1999	2000	2001	Total
Officer Billets				7			7
Enlisted Billets				5			5
Civilian Positions				57			57
Military Students							
Tons of Mission Equipment				115			115
Tons of Support Equipment				85			85
Number of Light Vehicles				4			4
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
1 sedan, 3 vans (2 mini, 1 8 passenger)	Less expensive to relocate than purchase at new site
2 environmental chambers swim flume treadmill undersea weighing tank biomechanics tank mainframe computer facility technicial research library	

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: NHRC San DIego

UIC	Name	Type	1996	1997	1998	1999	2000	2001	Total
63116	NHRC San DIego	Officer				3			3
		Enlisted				2			2
		Civilian			10				10
		Officer							
		Enlisted							
		Civilian							
		Officer							
		Enlisted							
		Civilian							
		Officer							
		Enlisted							
		Civilian							
		Officer							
		Enlisted							
		Civilian							
		Officer							
		Enlisted							
		Civilian							
		Officer							
		Enlisted							
		Civilian							
		Officer							
		Enlisted							
		Civilian							
	TOTAL	Officer				3			3
		Enlisted				2			2
		Civilian			10				10

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)

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:	10	7	68		85
B. Force Structure Changes(+/-):			-1		-1
C. Prior BRAC Changes (+/-):					
D. End FY 2001:	10	7	67		84
Moving to (List each Gaining Base):					
1. BUPERS, Memphis	7	5	57		69
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
E. Total Billets/Positions Moving:	7	5	57		69
F. Eliminated Billets/Positions:	3	2	10		15
G. Remaining at Losing Base:					
H. Sum of Lines E, F, and G:	10	7	67		84

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) <u>must</u> 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: N/A							
	1996	1997	1998	1999	2000	2001	Total
Military Caretakers							
Civilian Caretakers							

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: N/A

	Cost	FY	Description
1.			

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: N/A

	Cost	FY	Description
1.			

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: N/A

	Cost	FY	Gaining Base	Description
1.				

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: NHRC San Diego						
Gaining Base	**FY 1996**	**FY 1997**	**FY 1998**	**FY 1999**	**FY 2000**	**FY 2001 and Beyond**
1. BUPERS, Memphis TN				185.3K	185.3K	185.3K
Description: Travel for Navy/Marine Corps subjects for in-house laboratory studies*						
2. BUPERS, Memphis TN				454.9K	454.9K	454.9K
Description: Investigator travel to conduct field studies in San Diego/ Camp Pendleton						
3. 468 travelers x airline cost ($532) x per diem (4+days)						
Description:						
4.						
Description:						
5.						
Description:						

Add additional lines to worksheet as necessary.

* at $110/day
* 240 subjects/yr x airline cost ($532) x perdiem ($ days at $110/day)

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

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: NHRC, San Diego						
Gaining Base	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001 and Beyond
1. BUPERS, Memphis				45K	45K	45K
Description: Locality pay						
2.						
Description:						
3.						
Description:						
4.						
Description:						
5.						
Description:						

Add additional lines to worksheet as necessary.

Based on Jan 94 locality pay component

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: N/A

	Annual Cost	FY	Description
1.			

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: N/A

	Annual Savings	FY	Description
1.			

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: N/A

	Revenues	No. of Acres	Rationale
1.			

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: N/A

	Cost	FY	One-Time/Recurring	Explanation
1.				

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

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: NHRC San Diego, CA

Facility KSF Shutdown: 45.18

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:								
		1996	1997	1998	1999	2000	2001	Total
a.	One-Time Unique Costs							
b.	One-Time Unique Svgs							
c.	One-Time Move Costs							
d.	Net Mission Costs				640.2K	640.2K	640.2K	1920.6K
e.	Net Mission Savings				45K	45K	45K	135K
f.	Misc Recur Costs							
g.	Misc Recur Savings							
h.	Land Sales							
i.	Procurement Cost Avoid							

j. Fac. Shutdown (KSF)	45,180

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:	BUPERS Memphis TN

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: N/A

	Cost	FY	Location	Description
1.				

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: N/A

	Cost	FY	Description
1.			

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: N/A

	Cost	FY	Description
1.			

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: N/A

	Cost	FY	Description
1.			

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: N/A

	Annual Cost	FY	Description
1.			

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: N/A

	Annual Savings	FY	Description
1.			

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: N/A

	Cost	No. of Acres	FY	Description
1.				

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:	N/A						
	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							
f. Land Purchases							

* 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:			
Category (Unit)	New Construction Requirement	Rehabilitation Requirement	Comment
Horizontal (SY)			
Berthing (FB)			
Air Maintenance (SF)			
Other Operations (SF)			
Administrative (SF)		10,650	
Training (SF)			
Maintenance (SF)			
Bachelor Quarters (SF)			
Supply/Storage (SF)		2,020	
Dining Facilities (SF)			
Personnel Support (SF)			
Communications (SF)			
Ship Maintenance (SF)			
RDT&E (SF)		32,330	
POL Storage (BL)			
Ammo Storage (SF)			
Medical Facilities (SF)			
Environmental	$	$	
Other: - - -	 $ $ $	 $ $ $	

BRAC-95 CERTIFICATION

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

CAPT Larry M. Dean
NAME (Please type or print)

Signature

Commanding Officer
Title

15 DEC 1994
Date

Division

Department

Naval Health Research 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)

T. N. JONES, CAPT, MSC, USN
NAME (Please type or print)

Signature

COMMANDING OFFICER
Title

JAN 5 1995
Date

NAVAL MEDICAL RESEARCH & DEVELOPMENT COMMAND
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

D. F. HAGEN, VADM, MC, USN
NAME (Please type or print)

Signature

CHIEF BUMED/SURGEON GENERAL
Title

X Jan 5, 95
Date

BUREAU OF MEDICINE AND SURGERY
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
W. A. EARNER
NAME (Please type or print)

Signature

Title

1/19/95
Date

Document Separator

BRAC-95 Scenario Development Data Call Tasking

Scenario Number:	3-20-0183-074
Scenario Title:	NHRC San Diego

Due Date:	1300 EST, 1 December 1994

Description of Closure/Realignment Scenario

Close the Naval Health Research Center San Diego. Consolidate with NPRDC/BUPERS in Memphis, TN.

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 3-20-0183-074A.

BSAT Points of Contact

Any questions concerning this specific closure/realignment scenario should be addressed to the 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.

This scenario is an alternative which has been provided to the Department of the Navy by the BRAC-95 DoD Joint/Cross Service Working Groups

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

Activity: 66001 NCCOSC RDTE DIV

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

			BEGIN FY 1996				PLANNED FORCE STRUCTURE CHANGES				END FY 2001			
UIC	NAME	MAJOR CLAIMANT	OFF	ENL	CIV	STU	OFF	ENL	CIV	STU	OFF	ENL	CIV	STU
N 66001	NCCOSC RDTE DIV	COMSPANAVWAR	23	11	2,477	0	0	1	-392	0	23	12	2,085	0
N 63116	NHRC	BUMED	12	7	58	0	0	2	-1	0	12	9	57	0
N 68221	NAVPERSRANDCEN SAN DIEGO	CHNAVPER	4	13	149	0	0	0	0	0	4	13	149	0
N 68221	NAVY PERSONNEL RESEARCH	CHNAVPER	0	0	0	0	0	0	0	0	0	0	0	0
N 41341	NMPC SUPPORT ACTIVITY DET	CHNAVPER	1	18	0	0	0	0	0	0	1	18	0	0
N 00242	NAVAL BASE SAN DIEGO FIRE	CINCPACFLT	0	0	0	0	0	0	0	0	0	0	0	0
N 68554	PERSONNEL SUPPORT ACTIVITY	CINCPACFLT	1	33	12	0	0	0	-2	0	1	33	10	0
M 66001	LNO NAV OCEAN SYS CTR SAN	COMMARCOR	0	0	0	0	0	0	0	0	0	0	0	0
N 63387	NAVY PUBLIC WORK CENTER	COMNAVFAC	0	0	0	0	0	0	0	0	0	0	0	0
N 39353	INTEGRATED COMBAT SYSTEMS	COMNAVSEASYS	2	6	0	0	0	0	0	0	2	6	0	0
N 60921	NSWC DAHLGREM DIVISION DET	COMNAVSEASYS	0	0	0	0	0	0	0	0	0	0	0	0
N 68951	NUWC KEYPORT DET ARCTIC	COMNAVSEASYS	2	3	0	0	0	0	0	0	2	3	0	0
N 63394	PORT HUENEME DIVISION NSWC	COMNAVSEASYS	0	0	63	0	0	0	-50	0	0	0	13	0
X DDI	DATA DISPOSAL, INC	unknown	0	0	0	0	0	0	0	0	0	0	0	0
X ECC	EVERGREEN CONCESSIONS CO	unknown	0	0	0	0	0	0	0	0	0	0	0	0
X LPA	LA PETITE ACADEMY, INC	unknown	0	0	0	0	0	0	0	0	0	0	0	0
X MPL	MARINE PHYSICAL LABORATORY	unknown	0	0	0	0	0	0	0	0	0	0	0	0
X PLFCU	POINT LOMA FEDERAL CREDIT	unknown	0	0	0	0	0	0	0	0	0	0	0	0
X SATO	SCHEDULED AIRLINE TRAFFIC	unknown	0	0	0	0	0	0	0	0	0	0	0	0
X UC	UNIVERSITY OF CALIFORNIA	unknown	0	0	0	0	0	0	0	0	0	0	0	0
		TOTALS:	45	91	2,759	0	0	3	-445	0	45	94	2,314	0

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

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

UIC	NAME	MAJOR CLAIMANT	CITY	STATE	OFF	ENL	CIV	Non-DOD	CLOSED?	FY
N 68592	NCCOSC, RDT&E DIVISION	COMSPANAVWAR	PHILADELPHIA	PA	0	0	0	0		
N 49281	NCCOSC, RDT&E DIVISION	COMSPANAVWAR	WARMINSTER	PA	0	0	0	0		
N 66001	NRaD FIELD OFFICE	COMSPANAVWAR	NORFOLK	VA	0	0	0	0		
N 66001	NRaD FIELD OFFICE (NSAP) CAMP	COMSPANAVWAR	CAMP H. M. SMITH	HI	0	0	0	0		
N 66001	NRaD FIELD OFFICE (NSAP) GAETA	COMSPANAVWAR	GAETA	IT	0	0	0	0		
N 66001	NRaD FIELD OFFICE (NSAP) PEARL	COMSPANAVWAR	PEARL HARBOR	HI	0	0	0	0		
N 66001	NRaD FIELD OFFICE (NSAP) SAN	COMSPANAVWAR	SAN DIEGO	CA	0	0	0	0		
N 66601	NRaD FIELD OFFICE (NSAP)	COMSPANAVWAR	SAN DIEGO	CA	0	0	0	0		
N 66001	NRaD FIELD OFFICE (NSAP)	COMSPANAVWAR	YOKOSUKA	JAP	0	0	0	0		
N 66001	NRaD FIELD OFFICE ARLINGTON	COMSPANAVWAR	ARLINGTON	VA	0	0	0	0		
N 65576	NRaD FIELD OFFICE EL SEGUNDO	COMSPANAVWAR	EL SEGUNDO	CA	0	0	0	0		
N 66001	NRaD FIELD OFFICE MANAMA	COMSPANAVWAR	MANAMA	BA	0	0	0	0		
N 66001	NRaD FIELD OFFICE NEWPORT	COMSPANAVWAR	NEWPORT	RI	0	0	0	0		
N 66601	NRaD FIELD OFFICE NORFOLK	COMSPANAVWAR	NORFOLK	VA	0	0	0	0		
N 66001	NRaD FIELD OFFICE PEARL	COMSPANAVWAR	PEARL HARBOR	HI	0	0	0	0		
N 66001	NRaD FIELD OFFICE SAN	COMSPANAVWAR	SAN CLEMENTE ISLAND	CA	0	0	0	0		
N 43736	NRaD FIELD OFFICE WARNER	COMSPANAVWAR	WARNER ROBINS	GA	0	0	0	0		
N 66001	NRaD FILED OFFICE (NSAP) PEARL	COMSPANAVWAR	PEARL HARBOR	HI	0	0	0	0		
				TOTALS:	0	0	0	0		

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

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

UIC	NAME	MAJOR CLAIMANT	CITY	STATE	OFF	ENL	CIV	Non-DOD	CLOSED?	FY
N 60259	BUILDING E-134 WAREHOUSE	CINCPACFLT	NAS MIRAMAR	CA	0	0	0	0		
N 00246	SAN CLEMENTE ISLAND	CINCPACFLT	LOS ANGELES COUNTY	CA	0	0	0	0		
N 61665	COMPUTER PROGRAM	CNET	POINT LOMA	CA	0	0	0	0		
N 63387	MR SOLEDAD TRANSMITTER	COMNAVFAC	SAN DIEGO	CA	0	0	0	0		
N 00244	POINT LOMA ANNEX	COMNAVSUPSYS	SAN DIEGO	CA	0	0	0	0		
N 66001	EXPERIMENTAL TEST FACILITY	COMSPANAVWAR	SENTINEL	AZ	0	0	0	0		
N 66001	LA POSTA ASTROPHYSICAL	COMSPANAVWAR	EAST SAN DEIGO COUNTY	CA	0	0	0	0		
N 66001	MORRIS DAM TEST FACILITY	COMSPANAVWAR	AZUSA	CA	0	0	0	0		
				TOTALS:	0	0	0	0		

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

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

	UIC	NAME	MAJOR CLAIMANT	OFF	ENL	CIV	Non-DOD	FY	RECEIVING BASE
D	HQ0112	DEF FINANCE & ACCNT SERV DAO-CL	unknown	0	0	39	0		
D	D000UA	DEFENSE TECHNICAL INFORMATION	unknown	0	0	12	0		
X	USC	US CUSTOMS	unknown	0	0	0	0		
X	DDI	DATA DISPOSAL, INC	unknown	0	0	0	0		
X	ECC	EVERGREEN CONCESSIONS CO	unknown	0	0	0	0		
X	LPA	LA PETITE ACADEMY, INC	unknown	0	0	0	0		
X	MPL	MARINE PHYSICAL LABORATORY	unknown	0	0	0	0		
X	PLFCU	POINT LOMA FEDERAL CREDIT UNION	unknown	0	0	0	0		
X	SATO	SCHEDULED AIRLINE TRAFFIC OFFICE	unknown	0	0	0	0		
X	UC	UNIVERSITY OF CALIFORNIA	unknown	0	0	0	0		
			TOTALS:	0	0	51	0		

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

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

Total Facility Square Feet (in thousands): 1,785

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

			***** O&M, etc. *****				***** DBOF *****				***** TOTAL *****			
UIC	NAME	MAJOR CLAIMANT	RPMA NONPAY	RPMA PAY	OBOS NONPAY	OBOS PAY	RPMA NONPAY	RPMA PAY	OBOS NONPAY	OBOS PAY	RPMA NONPAY	RPMA PAY	OBOS NONPAY	OBOS PAY
43639	DEFENSE PRINTING SERVICE	COMNAVSUPSYSCO	0	0	0	0	1	0	44	0	1	0	44	0
63116	NAVAL HEALTH RESEARCH	BUMED	243	0	765	1403	0	0	0	0	243	0	765	1403
66001	NCCOSC RDTE DIV	COMSPANAVWARC	51	0	70	225	5097	0	53993	32450	5148	0	54063	32675
68221	NAVPERSRANDCEN SAN DIEGO	CHNAVPER	0	0	0	0	270	84	1345	2301	270	84	1345	2301
		TOTALS:	294	0	835	1628	5368	84	55382	34751	5662	84	56217	36379

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

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

UIC	NAME	MAJOR CLAIMANT	TOTAL CONTRACT WORKYEARS	NO. OF WORK-YEARS TO BE TRANSFERRED	NO. OF WORK-YEARS TO BE ELIMINATED	NO. OF WORK-YEARS REMAINING AT ACTIVITY
43639	DEFENSE PRINTING SERVICE BRACH	COMNAVSUPSYS	0	0	0	0
63116	NAVAL HEALTH RESEARCH CENTER	BUMED	70	70	0	0
66001	NCCOSC RDTE DIV	COMSPANAVWAR	2,312	2,262	13	37
68221	NAVPERSRANDCEN SAN DIEGO	CHNAVPER	48	3	45	0
		TOTALS:	2,430	2,335	58	37

BSAT

Department of the Navy
Base Structure Analysis Team

BRAC-95 Scenario Development Data Call Tasking

URGENT

To: CDR Veronica Rubin		Office - 202-653-0158
Organization : BUMED		
Fax Number : 202-653-1817	Date : 29 Nov 94	Time : 1000

Complete a BRAC-95 Scenario Development Data Call response for the closure/realignment scenario(s) outlined on the next page. A Base Loading Data Attachment (Attachment One to the Scenario Development Data Call) for each losing base involved in the scenario has been provided with this fax tasking. General guidance in preparing data call responses is provided below. Specific guidance on the closure/realignment scenario is provided on the next page.

In developing your Data Call response, every effort should be made to minimize the costs associated with the closure action and to ensure that completion of the action takes place as rapidly as possible. The BSEC tasking for this scenario may include specific directions on the relocation of functions/organizations. In the absence of specific direction from the BSEC, only essential functions, equipment, etc., should be relocated. All others should be eliminated/excessed. To this end, for any activity identified as being relocated in your data call response (with the exception of relocations specifically identified by the BSEC), you must provide a detailed narrative explanation on the specific operational requirement that supports movement to another location as opposed to elimination of the activity.

As the lead major claimant for this data call response, it is your responsibility to ensure that all necessary coordination with other major claimants and consolidation/summarization of responses is completed prior to submitting a data call response. Contact the BSAT if you need a POC list for other major claimants.

As detailed in the Scenario Development Data Call format, the following data submission and certification procedures will be followed. An advance copy of the completed data call response, along with a major claimant-level certification, will be either hand carried or faxed to the BSAT by the lead major claimant. The original copy of the data call response must be forwarded, via the chain of command, as soon as possible thereafter.

Due date for submission of the advance copy of the data call response, along with POCs on the BSAT for this scenario, are provided on the next page. Every effort must be made to ensure that data calls are submitted on time. Primary fax number for the BSAT for Scenario Development Data Call responses is (703) 756-2172. An alternate fax number is (703) 756-2174. Due to the size of some of these data call responses, major claimants in the Washington, DC area should try to hand deliver, rather than fax their responses.

* * * * * ***48 Hour Turnaround Required*** * * * * *

Number of Pages, including cover page: 10

URGENT

BRAC-95 Scenario Development Data Call Tasking

Base Loading Data Attachment

A Base Loading Data Attachment (Attachment One to the Scenario Development Data Call) is provided, with this fax, for each base in the scenario which is being considered for closure/realignment. See pages 3 - 4 of the Introduction to the Scenario Development Data Call, and the text accompanying each part of this Attachment, for more information on the use of the Base Loading Data Attachment in responding to Scenario Development Data Call taskings. The Base Loading Data Attachment is composed of the following seven parts (note that parts 5 and 6 are shown on the same page):

Part 1: Manpower Data - Host and Tenants. Table is a listing of the host activity and all tenant activities at the base. Manpower numbers (end strength) are shown for the start of FY 1996 (End FY 1995) and the end of FY 2001 (the difference between these two columns being the planned force structure changes).

Part 2: Manpower Data - Detachments. Table is a listing of detachments of the activity being considered for closure/realignment.

Part 3: Manpower Data - Special Use Areas. Table is a listing of "special use areas" of the activity being considered for closure/realignment.

Part 4: Manpower Data - Non-Department of the Navy (DON) Tenants. Table is a listing of the Non-DON tenant activities at the base.

Part 5: Total Facility Square Feet. Total Class 2 facility square feet at the base, excluding family housing, MWR and utilities, as reported in the Naval Facilities Assets Data Base(NFADB).

Part 6: Base Operating Support (BOS) Cost Data. FY 1996 BOS Costs, regardless of appropriation, as reported in Data Call 66 response(s).

Part 7: Contract Workyear Data. Contract Workyear data, as reported in Data Call 66 response(s).

If a blank page is printed rather than one of the "Parts" of the Base Loading Data Attachment, then no records were found for this particular table (e.g., the activity had no detachments, etc.).

BRAC-95 Scenario Development Data Call Tasking

Additional Guidance For Scenarios Involving Other Military Departments/Defense Agencies

In preparing BRAC-95 Scenario Development Data Call responses, the following additional guidance must be followed.

For any data call response that involves the movement of personnel/functions to an Army, Air Force or Defense Agency installation, the Scenario Development Data Call response must merely identify facility requirements associated with this relocation, rather than actually estimating whether any MILCON will be required at the receiving site. Specifically, identify the number of officer, enlisted, military students and/or civilian positions required to be relocated, any estimates of equipment to be relocated (excluding administrative equipment) and a complete set of facility requirements associated with the transfer (i.e., by type of facility, the number of square feet, etc., required to accommodate the transferring functions). Do not attempt to get information from the receiving site; the translation of these facility requirements into MILCON estimates will be obtained from the appropriate DoD Component's base closure office.

The following guidance will be followed when dealing with any Army, Air Force or Defense Agency tenant activities which need to be relocated as a result of a closure/realignment alternative. Do not ask these tenants to identify a relocation site. Instead, identify the name of the tenant, the number of officer, enlisted, military students and/or civilian positions required to be relocated, any estimates of equipment to be relocated (excluding administrative equipment) and a complete set of facility requirements associated with the transfer (i.e., by type of facility, the number of square feet, etc., required to accommodate the transferring functions).

The following scenario(s) are alternatives which have been provided to the Department of the Navy by the BRAC-95 DoD Joint/Cross Service Working Groups

Document Separator

BRAC-95 Scenario Family Housing Data

Scenario No.:	3-20-183-74
Losing Base:	NHRC SAN DIEGO
Date:	12/5/94

1. Percentage of Family Housing which can be shut down at the Losing Base:

0 %

2. Family Housing Construction Requirements at Gaining Bases:

Gaining Base Name	No. of New Units	No. of Existing Units to be Rehab.
BUPERS MEMPHIS	0	

3. Purchase of Land at Gaining Bases for Family Housing Construction:

Gaining Base Name	No. of Acres	Cost ($000)

4. Additional Comments:

Not enough personnel to require housing action.

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

MAJOR CLAIMANT LEVEL

J. E. BUFFINGTON, RADM, CEC, USN
NAME (Please type or print)

Signature

COMMANDER
Title

1/30/95
Date

NAVAL FACILITIES ENGINEERING COMMAND
Activity

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

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

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

Signature

Title

2/14/95
Date

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

NEXT ECHELON LEVEL (if applicable)

CAPTAIN DON G. MORRIS
NAME (Please type or print)

Donald G. Morris
Signature

DIRECTOR OF HOUSING
Title

27 January 1995
Date

NAVFACENGCOM
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

Title

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)

NAME (Please type or print)

Signature

Title

Date

BRAC-95 CERTIFICATION

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

Joseph C. Ward
NAME (Please type or print)

Signature

Housing Management Specialist
Title

1/26/95
Date

Resource
Division

Family Housing
Department

NAVFACENGCOM
Activity

Enclosure (1)

Document Separator

COBRA REALIGNMENT SUMMARY (COBRA v5.08) - Page 1/2
Data As Of 14:59 12/02/1994, Report Created 09:32 02/16/1995

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : P:\COBRA\DONE\NHRC.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Starting Year : 1996
Final Year : 1999
ROI Year : 2003 (4 Years)

NPV in 2015($K): -11,380
1-Time Cost($K): 6,153

Net Costs ($K) Constant Dollars	1996	1997	1998	1999	2000	2001	Total	Beyond
MilCon	-352	0	3,643	0	0	0	3,291	0
Person	0	0	-244	-580	-848	-848	-2,519	-848
Overhd	214	161	64	46	-887	-887	-1,290	-887
Moving	0	0	86	1,294	0	0	1,381	0
Missio	0	0	0	382	382	382	1,146	382
Other	0	0	0	0	0	0	0	0
TOTAL	-138	161	3,549	1,142	-1,353	-1,353	2,009	-1,353

	1996	1997	1998	1999	2000	2001	Total
POSITIONS ELIMINATED							
Off	0	0	0	3	0	0	3
Enl	0	0	0	2	0	0	2
Civ	0	0	10	0	0	0	10
TOT	0	0	10	5	0	0	15
POSITIONS REALIGNED							
Off	0	0	0	7	0	0	7
Enl	0	0	0	5	0	0	5
Stu	0	0	0	0	0	0	0
Civ	0	0	0	57	0	0	57
TOT	0	0	0	69	0	0	69

Summary:

SCENARIO 074

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : P:\COBRA\DONE\NHRC.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Costs ($K) Constant Dollars

	1996	1997	1998	1999	2000	2001	Total	Beyond
MilCon	328	0	3,643	0	0	0	3,971	0
Person	0	0	29	178	58	58	324	58
Overhd	214	161	127	252	112	112	978	112
Moving	0	0	86	1,305	0	0	1,392	0
Missio	0	0	0	427	427	427	1,281	427
Other	0	0	0	0	0	0	0	0
TOTAL	542	161	3,886	2,162	597	597	7,945	597

Savings ($K) Constant Dollars

	1996	1997	1998	1999	2000	2001	Total	Beyond
MilCon	680	0	0	0	0	0	680	0
Person	0	0	273	758	906	906	2,843	906
Overhd	0	0	63	206	999	999	2,267	999
Moving	0	0	0	11	0	0	11	0
Missio	0	0	0	45	45	45	135	45
Other	0	0	0	0	0	0	0	0
TOTAL	680	0	337	1,019	1,950	1,950	5,937	1,950

TOTAL ONE-TIME COST REPORT (COBRA v5.08) - Page 1/3
Data As Of 14:59 12/02/1994, Report Created 09:32 02/16/1995

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : P:\COBRA\DONE\NHRC.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

(All values in Dollars)

Category	Cost	Sub-Total
Construction		
Military Construction	3,971,000	
Family Housing Construction	0	
Information Management Account	0	
Land Purchases	0	
Total - Construction		3,971,000
Personnel		
Civilian RIF	85,323	
Civilian Early Retirement	34,457	
Civilian New Hires	0	
Eliminated Military PCS	16,387	
Unemployment	12,528	
Total - Personnel		148,695
Overhead		
Program Planning Support	585,838	
Mothball / Shutdown	56,250	
Total - Overhead		642,088
Moving		
Civilian Moving	1,137,790	
Civilian PPS	86,400	
Military Moving	69,364	
Freight	98,258	
One-Time Moving Costs	0	
Total - Moving		1,391,812
Other		
HAP / RSE	0	
Environmental Mitigation Costs	0	
One-Time Unique Costs	0	
Total - Other		0
Total One-Time Costs		6,153,595
One-Time Savings		
Military Construction Cost Avoidances	680,000	
Family Housing Cost Avoidances	0	
Military Moving	10,829	
Land Sales	0	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	
Total One-Time Savings		690,829
Total Net One-Time Costs		5,462,766

Data As Of 14:59 12/02/1994, Report Created 09:32 02/16/1995

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : P:\COBRA\DONE\NHRC.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NCCOSC NRAD SAN DGO, 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	85,323	
Civilian Early Retirement	34,457	
Civilian New Hires	0	
Eliminated Military PCS	16,387	
Unemployment	12,528	
Total - Personnel		148,695
Overhead		
Program Planning Support	585,838	
Mothball / Shutdown	56,250	
Total - Overhead		642,088
Moving		
Civilian Moving	1,137,790	
Civilian PPS	86,400	
Military Moving	69,364	
Freight	98,258	
One-Time Moving Costs	0	
Total - Moving		1,391,812
Other		
HAP / RSE	0	
Environmental Mitigation Costs	0	
One-Time Unique Costs	0	
Total - Other		0
Total One-Time Costs		2,182,595
One-Time Savings		
Military Construction Cost Avoidances	680,000	
Family Housing Cost Avoidances	0	
Military Moving	10,829	
Land Sales	0	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	
Total One-Time Savings		690,829
Total Net One-Time Costs		1,491,766

Data As Of 14:59 12/02/1994, Report Created 09:32 02/16/1995

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : P:\COBRA\DONE\NHRC.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: BUPERS, MEMPHIS, TN
(All values in Dollars)

Category	Cost	Sub-Total
Construction		
Military Construction	3,971,000	
Family Housing Construction	0	
Information Management Account	0	
Land Purchases	0	
Total - Construction		3,971,000
Personnel		
Civilian RIF	0	
Civilian Early Retirement	0	
Civilian New Hires	0	
Eliminated Military PCS	0	
Unemployment	0	
Total - Personnel		0
Overhead		
Program Planning Support	0	
Mothball / Shutdown	0	
Total - Overhead		0
Moving		
Civilian Moving	0	
Civilian PPS	0	
Military Moving	0	
Freight	0	
One-Time Moving Costs	0	
Total - Moving		0
Other		
HAP / RSE	0	
Environmental Mitigation Costs	0	
One-Time Unique Costs	0	
Total - Other		0
Total One-Time Costs		3,971,000
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		3,971,000

TOTAL MILITARY CONSTRUCTION ASSETS (COBRA v5.08) - Page 1/3
Data As Of 14:59 12/02/1994, Report Created 09:32 02/16/1995

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : P:\COBRA\DONE\NHRC.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

All Costs in $K

Base Name	Total MilCon	IMA Cost	Land Purch	Cost Avoid	Total Cost
NCCOSC NRAD SAN DGO	0	0	0	-680	-680
BUPERS, MEMPHIS	3,971	0	0	0	3,971
Totals:	3,971	0	0	-680	3,291

Data As Of 14:59 12/02/1994, Report Created 09:32 02/16/1995

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : P:\COBRA\DONE\NHRC.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

MilCon for Base: NCCOSC NRAD SAN DGO, CA

All Costs in $K

Description:	MilCon Categ	Using Rehab	Rehab Cost*	New MilCon	New Cost*	Total Cost*
			Total Construction Cost:			0
			+ Info Management Account:			0
			+ Land Purchases:			0
			- Construction Cost Avoid:			680
					TOTAL:	-680

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

Data As Of 14:59 12/02/1994, Report Created 09:32 02/16/1995

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : P:\COBRA\DONE\NHRC.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

MilCon for Base: BUPERS, MEMPHIS, TN

All Costs in $K

Description:	MilCon Categ	Using Rehab	Rehab Cost*	New MilCon	New Cost*	Total Cost*
ADMINISTRATIVE	ADMIN	10,650	n/a	0	n/a	780
STORAGE FACILITIES	STORA	2,020	n/a	0	n/a	113
RDT&E FACILITIES	RDT&E	32,330	n/a	0	n/a	3,078

Total Construction Cost:	3,971
+ Info Management Account:	0
+ Land Purchases:	0
- Construction Cost Avoid:	0
TOTAL:	3,971

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

PERSONNEL SUMMARY REPORT (COBRA v5.08)
Data As Of 14:59 12/02/1994, Report Created 09:32 02/16/1995

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : P:\COBRA\DONE\NHRC.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

PERSONNEL SUMMARY FOR: NCCOSC NRAD SAN DGO, CA

BASE POPULATION (FY 1996):

Officers	Enlisted	Students	Civilians
10	7	0	68

FORCE STRUCTURE CHANGES:

	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	-1	0	0	0	0	0	-1
TOTAL	-1	0	0	0	0	0	-1

BASE POPULATION (Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
10	7	0	67

PERSONNEL REALIGNMENTS:
To Base: BUPERS, MEMPHIS, TN

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	0	7	0	0	7
Enlisted	0	0	0	5	0	0	5
Students	0	0	0	0	0	0	0
Civilians	0	0	0	57	0	0	57
TOTAL	0	0	0	69	0	0	69

TOTAL PERSONNEL REALIGNMENTS (Out of NCCOSC NRAD SAN DGO, CA):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	0	7	0	0	7
Enlisted	0	0	0	5	0	0	5
Students	0	0	0	0	0	0	0
Civilians	0	0	0	57	0	0	57
TOTAL	0	0	0	69	0	0	69

SCENARIO POSITION CHANGES:

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	0	-3	0	0	-3
Enlisted	0	0	0	-2	0	0	-2
Civilians	0	0	-10	0	0	0	-10
TOTAL	0	0	-10	-5	0	0	-15

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
0	0	0	0

PERSONNEL SUMMARY FOR: BUPERS, MEMPHIS, TN

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

Officers	Enlisted	Students	Civilians
807	3,504	0	1,358

PERSONNEL SUMMARY REPORT (COBRA v5.08) - Page 2
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Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : P:\COBRA\DONE\NHRC.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

PERSONNEL REALIGNMENTS:
From Base: NCCOSC NRAD SAN DGO, CA

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	0	7	0	0	7
Enlisted	0	0	0	5	0	0	5
Students	0	0	0	0	0	0	0
Civilians	0	0	0	57	0	0	57
TOTAL	0	0	0	69	0	0	69

TOTAL PERSONNEL REALIGNMENTS (Into BUPERS, MEMPHIS, TN):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	0	7	0	0	7
Enlisted	0	0	0	5	0	0	5
Students	0	0	0	0	0	0	0
Civilians	0	0	0	57	0	0	57
TOTAL	0	0	0	69	0	0	69

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
814	3,509	0	1,415

TOTAL PERSONNEL IMPACT REPORT (COBRA v5.08) - Page 1/3
Data As Of 14:59 12/02/1994, Report Created 09:32 02/16/1995

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : P:\COBRA\DONE\NHRC.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

	Rate	1996	1997	1998	1999	2000	2001	Total
CIVILIAN POSITIONS REALIGNING OUT		0	0	0	57	0	0	57
Early Retirement*	10.00%	0	0	0	6	0	0	6
Regular Retirement*	5.00%	0	0	0	3	0	0	3
Civilian Turnover*	15.00%	0	0	0	9	0	0	9
Civs Not Moving (RIFs)*+		0	0	0	3	0	0	3
Civilians Moving (the remainder)		0	0	0	36	0	0	36
Civilian Positions Available		0	0	0	21	0	0	21
CIVILIAN POSITIONS ELIMINATED		0	0	10	0	0	0	10
Early Retirement	10.00%	0	0	1	0	0	0	1
Regular Retirement	5.00%	0	0	1	0	0	0	1
Civilian Turnover	15.00%	0	0	2	0	0	0	2
Civs Not Moving (RIFs)*+		0	0	1	0	0	0	1
Priority Placement#	60.00%	0	0	5	0	0	0	5
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	57	0	0	57
Civilians Moving		0	0	0	36	0	0	36
New Civilians Hired		0	0	0	21	0	0	21
Other Civilian Additions		0	0	0	0	0	0	0
TOTAL CIVILIAN EARLY RETIRMENTS		0	0	1	6	0	0	7
TOTAL CIVILIAN RIFS		0	0	1	3	0	0	4
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	0	5	0	0	0	5
TOTAL CIVILIAN NEW HIRES		0	0	0	21	0	0	21

* 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%

PERSONNEL IMPACT REPORT (COBRA v5.08) - Page 2/3
Data As Of 14:59 12/02/1994, Report Created 09:32 02/16/1995

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : P:\COBRA\DONE\NHRC.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NCCOSC NRAD SAN DGO, CA	Rate	1996	1997	1998	1999	2000	2001	Total
CIVILIAN POSITIONS REALIGNING OUT		0	0	0	57	0	0	57
Early Retirement*	10.00%	0	0	0	6	0	0	6
Regular Retirement*	5.00%	0	0	0	3	0	0	3
Civilian Turnover*	15.00%	0	0	0	9	0	0	9
Civs Not Moving (RIFs)*	6.00%	0	0	0	3	0	0	3
Civilians Moving (the remainder)		0	0	0	36	0	0	36
Civilian Positions Available		0	0	0	21	0	0	21
CIVILIAN POSITIONS ELIMINATED		0	0	10	0	0	0	10
Early Retirement	10.00%	0	0	1	0	0	0	1
Regular Retirement	5.00%	0	0	1	0	0	0	1
Civilian Turnover	15.00%	0	0	2	0	0	0	2
Civs Not Moving (RIFs)*	6.00%	0	0	1	0	0	0	1
Priority Placement#	60.00%	0	0	5	0	0	0	5
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	1	6	0	0	7
TOTAL CIVILIAN RIFS		0	0	1	3	0	0	4
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	0	5	0	0	0	5
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%

PERSONNEL IMPACT REPORT (COBRA v5.08) - Page 3/3
Data As Of 14:59 12/02/1994, Report Created 09:32 02/16/1995

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : P:\COBRA\DONE\NHRC.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: BUPERS, MEMPHIS, TN	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	57	0	0	57
Civilians Moving		0	0	0	36	0	0	36
New Civilians Hired		0	0	0	21	0	0	21
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	21	0	0	21

* 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 : NHRC SAN DIEGO, CA
Scenario File : P:\COBRA\DONE\NHRC.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

ONE-TIME COSTS -----($K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	328	0	3,643	0	0	0	3,971
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	0	21	64	0	0	85
Civ Retire	0	0	5	29	0	0	34
CIV MOVING							
Per Diem	0	0	0	110	0	0	110
POV Miles	0	0	0	12	0	0	12
Home Purch	0	0	0	426	0	0	426
HHG	0	0	0	267	0	0	267
Misc	0	0	0	25	0	0	25
House Hunt	0	0	0	106	0	0	106
PPS	0	0	86	0	0	0	86
RITA	0	0	0	190	0	0	190
FREIGHT							
Packing	0	0	0	12	0	0	12
Freight	0	0	0	84	0	0	84
Vehicles	0	0	0	0	0	0	0
Driving	0	0	0	2	0	0	2
Unemployment	0	0	3	9	0	0	12
OTHER							
Program Plan	214	161	120	90	0	0	586
Shutdown	0	0	7	49	0	0	56
New Hire	0	0	0	0	0	0	0
1-Time Move	0	0	0	0	0	0	0
MIL PERSONNEL							
MIL MOVING							
Per Diem	0	0	0	5	0	0	5
POV Miles	0	0	0	4	0	0	4
HHG	0	0	0	52	0	0	52
Misc	0	0	0	8	0	0	8
OTHER							
Elim PCS	0	0	0	16	0	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
TOTAL ONE-TIME	542	161	3,886	1,565	0	0	6,153

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : P:\COBRA\DONE\NHRC.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

RECURRINGCOSTS -----($K)-----	1996	1997	1998	1999	2000	2001	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	0	0	0	0	0	0	0
BOS	0	0	0	112	112	112	335	112
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	58	58	58	175	58
OTHER								
Mission	0	0	0	427	427	427	1,281	427
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	597	597	597	1,792	597
TOTAL COST	542	161	3,886	2,162	597	597	7,945	597

ONE-TIME SAVES -----($K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	680	0	0	0	0	0	680
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	11	0	0	11
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	680	0	0	11	0	0	691

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	13	130	243	243	629	243
BOS	0	0	50	76	756	756	1,638	756
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	0	273	547	547	547	1,914	547
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Off Salary	0	0	0	115	230	230	576	230
Enl Salary	0	0	0	33	66	66	166	66
House Allow	0	0	0	62	62	62	187	62
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	0	45	45	45	135	45
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	337	1,009	1,950	1,950	5,246	1,950
TOTAL SAVINGS	680	0	337	1,019	1,950	1,950	5,937	1,950

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : P:\COBRA\DONE\NHRC.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

ONE-TIME NET -----($K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	-352	0	3,643	0	0	0	3,291
Fam Housing	0	0	0	0	0	0	0
O&M							
Civ Retir/RIF	0	0	26	93	0	0	120
Civ Moving	0	0	86	1,236	0	0	1,322
Other	214	161	130	149	0	0	655
MIL PERSONNEL							
Mil Moving	0	0	0	75	0	0	75
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	-138	161	3,886	1,554	0	0	5,463

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	-13	-130	-243	-243	-629	-243
BOS	0	0	-50	36	-644	-644	-1,303	-644
Unique Operat	0	0	0	0	0	0	0	0
Caretaker	0	0	0	0	0	0	0	0
Civ Salary	0	0	-273	-547	-547	-547	-1,914	-547
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Salary	0	0	0	-148	-297	-297	-742	-297
House Allow	0	0	0	-4	-4	-4	-12	-4
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	0	382	382	382	1,146	382
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	-337	-411	-1,353	-1,353	-3,454	-1,353
TOTAL NET COST	-138	161	3,549	1,142	-1,353	-1,353	2,009	-1,353

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : P:\COBRA\DONE\NHRC.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NCCOSC NRAD SAN DGO, 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	21	64	0	0	85
Civ Retire	0	0	5	29	0	0	34
CIV MOVING							
Per Diem	0	0	0	110	0	0	110
POV Miles	0	0	0	12	0	0	12
Home Purch	0	0	0	426	0	0	426
HHG	0	0	0	267	0	0	267
Misc	0	0	0	25	0	0	25
House Hunt	0	0	0	106	0	0	106
PPS	0	0	86	0	0	0	86
RITA	0	0	0	190	0	0	190
FREIGHT							
Packing	0	0	0	12	0	0	12
Freight	0	0	0	84	0	0	84
Vehicles	0	0	0	0	0	0	0
Driving	0	0	0	2	0	0	2
Unemployment	0	0	3	9	0	0	12
OTHER							
Program Plan	214	161	120	90	0	0	586
Shutdown	0	0	7	49	0	0	56
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	5	0	0	5
POV Miles	0	0	0	4	0	0	4
HHG	0	0	0	52	0	0	52
Misc	0	0	0	8	0	0	8
OTHER							
Elim PCS	0	0	0	16	0	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
TOTAL ONE-TIME	214	161	243	1,565	0	0	2,182

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : P:\COBRA\DONE\NHRC.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NCCOSC NRAD SAN DGO, 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	427	427	427	1,281	427
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	427	427	427	1,281	427
TOTAL COSTS	214	161	243	1,992	427	427	3,463	427

ONE-TIME SAVES -----($K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	680	0	0	0	0	0	680
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	11	0	0	11
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	680	0	0	11	0	0	691

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	13	130	243	243	629	243
BOS	0	0	50	76	756	756	1,638	756
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	0	273	547	547	547	1,914	547
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Off Salary	0	0	0	115	230	230	576	230
Enl Salary	0	0	0	33	66	66	166	66
House Allow	0	0	0	62	62	62	187	62
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	0	45	45	45	135	45
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	337	1,009	1,950	1,950	5,246	1,950
TOTAL SAVINGS	680	0	337	1,019	1,950	1,950	5,937	1,950

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : P:\COBRA\DONE\NHRC.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: NCCOSC NRAD SAN DGO, CA

ONE-TIME NET -----($K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	-680	0	0	0	0	0	-680
Fam Housing	0	0	0	0	0	0	0
O&M							
Civ Retir/RIF	0	0	26	93	0	0	120
Civ Moving	0	0	86	1,236	0	0	1,322
Other	214	161	130	149	0	0	655
MIL PERSONNEL							
Mil Moving	0	0	0	75	0	0	75
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	-466	161	243	1,554	0	0	1,492

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	-13	-130	-243	-243	-629	-243
BOS	0	0	-50	-76	-756	-756	-1,638	-756
Unique Operat	0	0	0	0	0	0	0	0
Caretaker	0	0	0	0	0	0	0	0
Civ Salary	0	0	-273	-547	-547	-547	-1,914	-547
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Salary	0	0	0	-148	-297	-297	-742	-297
House Allow	0	0	0	-62	-62	-62	-187	-62
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	0	382	382	382	1,146	382
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	-337	-582	-1,523	-1,523	-3,965	-1,523
TOTAL NET COST	-466	161	-94	972	-1,523	-1,523	-2,473	-1,523

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : P:\COBRA\DONE\NHRC.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: BUPERS, MEMPHIS, TN

ONE-TIME COSTS -----($K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	328	0	3,643	0	0	0	3,971
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	328	0	3,643	0	0	0	3,971

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : P:\COBRA\DONE\NHRC.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: BUPERS, MEMPHIS, TN

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	112	112	112	335	112
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	58	58	58	175	58
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	112	112	112	511	170
TOTAL COSTS	328	0	3,643	170	170	170	4,482	170

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 : NHRC SAN DIEGO, CA
Scenario File : P:\COBRA\DONE\NHRC.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

Base: BUPERS, MEMPHIS, TN

ONE-TIME NET -----($K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	328	0	3,643	0	0	0	3,971
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	328	0	3,643	0	0	0	3,971

RECURRING NET -----($K)-----	1996	1997	1998	1999	2000	2001	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	0	0	0	0	0	0	0
BOS	0	0	0	112	112	112	335	112
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	58	58	58	175	58
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	170	170	170	511	170
TOTAL NET COST	328	0	3,643	170	170	170	4,482	170

INPUT DATA REPORT (COBRA v5.08)
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Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : P:\COBRA\DONE\NHRC.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:
NCCOSC NRAD SAN DGO, CA	Closes in FY 1999
BUPERS, MEMPHIS, TN	Realignment

Summary:

THIS IS NHRC NOT NCCOSC

SCENARIO 074

INPUT SCREEN TWO - DISTANCE TABLE

From Base:	To Base:	Distance:
NCCOSC NRAD SAN DGO, CA	BUPERS, MEMPHIS, TN	1,797 mi

INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from NCCOSC NRAD SAN DGO, CA to BUPERS, MEMPHIS, TN

	1996	1997	1998	1999	2000	2001
Officer Positions:	0	0	0	7	0	0
Enlisted Positions:	0	0	0	5	0	0
Civilian Positions:	0	0	0	57	0	0
Student Positions:	0	0	0	0	0	0
Missn Eqpt (tons):	0	0	0	115	0	0
Suppt Eqpt (tons):	0	0	0	85	0	0
Military Light Vehicles:	0	0	0	4	0	0
Heavy/Special Vehicles:	0	0	0	0	0	0

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: NCCOSC NRAD SAN DGO, CA

Total Officer Employees:	10	RPMA Non-Payroll ($K/Year):	243
Total Enlisted Employees:	7	Communications ($K/Year):	0
Total Student Employees:	0	BOS Non-Payroll ($K/Year):	765
Total Civilian Employees:	68	BOS Payroll ($K/Year):	1,403
Mil Families Living On Base:	19.1%	Family Housing ($K/Year):	0
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	1.16
Officer Housing Units Avail:	0	CHAMPUS In-Pat ($/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat ($/Visit):	0
Total Base Facilities(KSF):	45	CHAMPUS Shift to Medicare:	0.0%
Officer VHA ($/Month):	353	Activity Code:	66001
Enlisted VHA ($/Month):	224		
Per Diem Rate ($/Day):	116	Homeowner Assistance Program:	No
Freight Cost ($/Ton/Mile):	0.07	Unique Activity Information:	No

Data As Of 14:59 12/02/1994, Report Created 09:32 02/16/1995

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : P:\COBRA\DONE\NHRC.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: BUPERS, MEMPHIS, TN

Total Officer Employees:	807	RPMA Non-Payroll ($K/Year):	840
Total Enlisted Employees:	3,504	Communications ($K/Year):	0
Total Student Employees:	0	BOS Non-Payroll ($K/Year):	17,064
Total Civilian Employees:	1,358	BOS Payroll ($K/Year):	21,751
Mil Families Living On Base:	35.0%	Family Housing ($K/Year):	184
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	0.91
Officer Housing Units Avail:	0	CHAMPUS In-Pat ($/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat ($/Visit):	0
Total Base Facilities(KSF):	129	CHAMPUS Shift to Medicare:	0.0%
Officer VHA ($/Month):	34	Activity Code:	00022
Enlisted VHA ($/Month):	28		
Per Diem Rate ($/Day):	87	Homeowner Assistance Program:	No
Freight Cost ($/Ton/Mile):	0.07	Unique Activity Information:	No

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: NCCOSC NRAD SAN DGO, 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	427	427	427
Activ Mission Save ($K):	0	0	0	45	45	45
Misc Recurring Cost($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($K):	680	0	0	0	0	0
Fam Housing Avoidnc($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): 45 Perc Family Housing ShutDown: 0.0%

Name: BUPERS, MEMPHIS, TN

	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%

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Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : P:\COBRA\DONE\NHRC.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

INPUT SCREEN SIX - BASE PERSONNEL INFORMATION

Name: NCCOSC NRAD SAN DGO, CA

	1996	1997	1998	1999	2000	2001
Off Force Struc Change:	0	0	0	0	0	0
Enl Force Struc Change:	0	0	0	0	0	0
Civ Force Struc Change:	-1	0	0	0	0	0
Stu Force Struc Change:	0	0	0	0	0	0
Off Scenario Change:	0	0	0	-3	0	0
Enl Scenario Change:	0	0	0	-2	0	0
Civ Scenario Change:	0	0	-10	0	0	0
Off Change(No Sal Save):	0	0	0	0	0	0
Enl Change(No Sal Save):	0	0	0	0	0	0
Civ Change(No Sal Save):	0	0	0	0	0	0
Caretakers - Military:	0	0	0	0	0	0
Caretakers - Civilian:	0	0	0	0	0	0

INPUT SCREEN SEVEN - BASE MILITARY CONSTRUCTION INFORMATION

Name: BUPERS, MEMPHIS, TN

Description	Categ	New MilCon	Rehab MilCon	Total Cost($K)
ADMINISTRATIVE	ADMIN	0	10,650	780
STORAGE FACILITIES	STORA	0	2,020	113
RDT&E FACILITIES	RDT&E	0	32,330	3,078

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 14:59 12/02/1994, Report Created 09:32 02/16/1995

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : P:\COBRA\DONE\NHRC.CBR
Std Fctrs File : P:\COBRA\N95DBOF.SFF

STANDARD FACTORS SCREEN THREE - TRANSPORTATION

Material/Assigned Person(Lb):	710	Equip Pack & Crate($/Ton):	284.00
HHG Per Off Family (Lb):	14,500.00	Mil Light Vehicle($/Mile):	0.31
HHG Per Enl Family (Lb):	9,000.00	Heavy/Spec Vehicle($/Mile):	3.38
HHG Per Mil Single (Lb):	6,400.00	POV Reimbursement($/Mile):	0.18
HHG Per Civilian (Lb):	18,000.00	Avg Mil Tour Length (Years):	4.17
Total HHG Cost ($/100Lb):	35.00	Routine PCS($/Pers/Tour):	3,763.00
Air Transport ($/Pass Mile):	0.20	One-Time Off PCS Cost($):	4,527.00
Misc Exp ($/Direct Employ):	700.00	One-Time Enl PCS Cost($):	1,403.00

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

COBRA REALIGNMENT SUMMARY (COBRA v5.08) - Page 1/2
Data As Of 18:14 06/11/1995, Report Created 18:15 06/11/1995

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : C:\COBRA95\NAVY\DONE\NHRC001.CBR
Std Fctrs File : C:\COBRA95\NAVY\N95DBOF.SFF

Starting Year : 1996
Final Year : 1999
ROI Year : 2006 (7 Years)

NPV in 2015($K): -8,118
1-Time Cost($K): 9,628

Net Costs ($K) Constant Dollars

	1996	1997	1998	1999	2000	2001	Total	Beyond
MilCon	-65	0	6,831	0	0	0	6,766	0
Person	0	0	-244	-580	-848	-848	-2,519	-848
Overhd	214	161	64	46	-887	-887	-1,290	-887
Moving	0	0	86	1,294	0	0	1,381	0
Missio	0	0	0	382	382	382	1,146	382
Other	0	0	0	0	0	0	0	0
TOTAL	149	161	6,737	1,142	-1,353	-1,353	5,483	-1,353

	1996	1997	1998	1999	2000	2001	Total
POSITIONS ELIMINATED							
Off	0	0	0	3	0	0	3
Enl	0	0	0	2	0	0	2
Civ	0	0	10	0	0	0	10
TOT	0	0	10	5	0	0	15
POSITIONS REALIGNED							
Off	0	0	0	7	0	0	7
Enl	0	0	0	5	0	0	5
Stu	0	0	0	0	0	0	0
Civ	0	0	0	57	0	0	57
TOT	0	0	0	69	0	0	69

Summary:

COMMISSION MODIFIED COBRA.
LET COBRA CALCULATE MILCON VICE NAVY ESTIMATES.

SCENARIO 074

COBRA REALIGNMENT SUMMARY (COBRA v5.08) - Page 2/2
Data As Of 18:14 06/11/1995, Report Created 18:15 06/11/1995

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : C:\COBRA95\NAVY\DONE\NHRC001.CBR
Std Fctrs File : C:\COBRA95\NAVY\N95DBOF.$FF

Costs ($K) Constant Dollars

	1996	1997	1998	1999	2000	2001	Total	Beyond
MilCon	615	0	6,831	0	0	0	7,446	0
Person	0	0	29	178	58	58	324	58
Overhd	214	161	127	252	112	112	978	112
Moving	0	0	86	1,305	0	0	1,392	0
Missio	0	0	0	427	427	427	1,281	427
Other	0	0	0	0	0	0	0	0
TOTAL	829	161	7,074	2,162	597	597	11,420	597

Savings ($K) Constant Dollars

	1996	1997	1998	1999	2000	2001	Total	Beyond
MilCon	680	0	0	0	0	0	680	0
Person	0	0	273	758	906	906	2,843	906
Overhd	0	0	63	206	999	999	2,267	999
Moving	0	0	0	11	0	0	11	0
Missio	0	0	0	45	45	45	135	45
Other	0	0	0	0	0	0	0	0
TOTAL	680	0	337	1,019	1,950	1,950	5,937	1,950

NET PRESENT VALUES REPORT (COBRA v5.08)
Data As Of 18:14 06/11/1995, Report Created 18:15 06/11/1995

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : C:\COBRA95\NAVY\DONE\NHRC001.CBR
Std Fctrs File : C:\COBRA95\NAVY\N95DBOF.SFF

Year	Cost($)	Adjusted Cost($)	NPV($)
1996	149,049	147,041	147,041
1997	160,687	154,279	301,320
1998	6,737,137	6,295,364	6,596,684
1999	1,142,478	1,038,990	7,635,674
2000	-1,352,876	-1,197,402	6,438,272
2001	-1,352,876	-1,165,354	5,272,917
2002	-1,352,876	-1,134,165	4,138,752
2003	-1,352,876	-1,103,810	3,034,942
2004	-1,352,876	-1,074,268	1,960,674
2005	-1,352,876	-1,045,516	915,158
2006	-1,352,876	-1,017,534	-102,376
2007	-1,352,876	-990,301	-1,092,676
2008	-1,352,876	-963,796	-2,056,473
2009	-1,352,876	-938,001	-2,994,474
2010	-1,352,876	-912,897	-3,907,371
2011	-1,352,876	-888,464	-4,795,835
2012	-1,352,876	-864,685	-5,660,520
2013	-1,352,876	-841,543	-6,502,062
2014	-1,352,876	-819,019	-7,321,082
2015	-1,352,876	-797,099	-8,118,181

TOTAL ONE-TIME COST REPORT (COBRA v5.08) - Page 1/3
Data As Of 18:14 06/11/1995, Report Created 18:15 06/11/1995

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : C:\COBRA95\NAVY\DONE\NHRC001.CBR
Std Fctrs File : C:\COBRA95\NAVY\N95DBOF.SFF

(All values in Dollars)

Category	Cost	Sub-Total
Construction		
Military Construction	7,445,904	
Family Housing Construction	0	
Information Management Account	0	
Land Purchases	0	
Total - Construction		7,445,904
Personnel		
Civilian RIF	85,323	
Civilian Early Retirement	34,457	
Civilian New Hires	0	
Eliminated Military PCS	16,387	
Unemployment	12,528	
Total - Personnel		148,695
Overhead		
Program Planning Support	585,838	
Mothball / Shutdown	56,250	
Total - Overhead		642,088
Moving		
Civilian Moving	1,137,790	
Civilian PPS	86,400	
Military Moving	69,364	
Freight	98,258	
One-Time Moving Costs	0	
Total - Moving		1,391,812
Other		
HAP / RSE	0	
Environmental Mitigation Costs	0	
One-Time Unique Costs	0	
Total - Other		0
Total One-Time Costs		9,628,499
One-Time Savings		
Military Construction Cost Avoidances	680,000	
Family Housing Cost Avoidances	0	
Military Moving	10,829	
Land Sales	0	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	
Total One-Time Savings		690,829
Total Net One-Time Costs		8,937,671

ONE-TIME COST REPORT (COBRA v5.08) - Page 2/3
Data As Of 18:14 06/11/1995, Report Created 18:15 06/11/1995

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : C:\COBRA95\NAVY\DONE\NHRC001.CBR
Std Fctrs File : C:\COBRA95\NAVY\N95DBOF.SFF

Base: NCCOSC NRAD SAN DGO, 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	85,323	
Civilian Early Retirement	34,457	
Civilian New Hires	0	
Eliminated Military PCS	16,387	
Unemployment	12,528	
Total - Personnel		148,695
Overhead		
Program Planning Support	585,838	
Mothball / Shutdown	56,250	
Total - Overhead		642,088
Moving		
Civilian Moving	1,137,790	
Civilian PPS	86,400	
Military Moving	69,364	
Freight	98,258	
One-Time Moving Costs	0	
Total - Moving		1,391,812
Other		
HAP / RSE	0	
Environmental Mitigation Costs	0	
One-Time Unique Costs	0	
Total - Other		0
Total One-Time Costs		2,182,595
One-Time Savings		
Military Construction Cost Avoidances	680,000	
Family Housing Cost Avoidances	0	
Military Moving	10,829	
Land Sales	0	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	
Total One-Time Savings		690,829
Total Net One-Time Costs		1,491,766

ONE-TIME COST REPORT (COBRA v5.08) - Page 3/3
Data As Of 18:14 06/11/1995, Report Created 18:15 06/11/1995

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : C:\COBRA95\NAVY\DONE\NHRC001.CBR
Std Fctrs File : C:\COBRA95\NAVY\N95DBOF.SFF

Base: BUPERS, MEMPHIS, TN
(All values in Dollars)

Category	Cost	Sub-Total
Construction		
Military Construction	7,445,904	
Family Housing Construction	0	
Information Management Account	0	
Land Purchases	0	
Total - Construction		7,445,904
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		7,445,904
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		7,445,904

TOTAL MILITARY CONSTRUCTION ASSETS (COBRA v5.08) - Page 1/3
Data As Of 18:14 06/11/1995, Report Created 18:15 06/11/1995

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : C:\COBRA95\NAVY\DONE\NHRC001.CBR
Std Fctrs File : C:\COBRA95\NAVY\N95DBOF.SFF

All Costs in $K

Base Name	Total MilCon	IMA Cost	Land Purch	Cost Avoid	Total Cost
NCCOSC NRAD SAN DGO	0	0	0	-680	-680
BUPERS, MEMPHIS	7,446	0	0	0	7,446
Totals:	7,446	0	0	-680	6,766

MILITARY CONSTRUCTION ASSETS (COBRA v5.08) - Page 2/3
Data As Of 18:14 06/11/1995, Report Created 18:15 06/11/1995

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : C:\COBRA95\NAVY\DONE\NHRC001.CBR
Std Fctrs File : C:\COBRA95\NAVY\N95DBOF.SFF

MilCon for Base: NCCOSC NRAD SAN DGO, CA

All Costs in $K

Description:	MilCon Categ	Using Rehab	Rehab Cost*	New MilCon	New Cost*	Total Cost*

Total Construction Cost:	0
+ Info Management Account:	0
+ Land Purchases:	0
- Construction Cost Avoid:	680
TOTAL:	-680

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

MILITARY CONSTRUCTION ASSETS (COBRA v5.08) - Page 3/3
Data As Of 18:14 06/11/1995, Report Created 18:15 06/11/1995

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : C:\COBRA95\NAVY\DONE\NHRC001.CBR
Std Fctrs File : C:\COBRA95\NAVY\N95DBOF.SFF

MilCon for Base: BUPERS, MEMPHIS, TN

All Costs in $K

Description:	MilCon Categ	Using Rehab	Rehab Cost*	New MilCon	New Cost*	Total Cost*
ADMINISTRATIVE	ADMIN	10,650	1,462	0	0	1,462
STORAGE FACILITIES	STORA	2,020	212	0	0	212
RDT&E FACILITIES	RDT&E	32,330	5,772	0	0	5,772

Total Construction Cost:	7,446
+ Info Management Account:	0
+ Land Purchases:	0
- Construction Cost Avoid:	0
TOTAL:	7,446

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

PERSONNEL SUMMARY REPORT (COBRA v5.08)
Data As Of 18:14 06/11/1995, Report Created 18:15 06/11/1995

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : C:\COBRA95\NAVY\DONE\NHRC001.CBR
Std Fctrs File : C:\COBRA95\NAVY\N95DBOF.SFF

PERSONNEL SUMMARY FOR: NCCOSC NRAD SAN DGO, CA

BASE POPULATION (FY 1996):

Officers	Enlisted	Students	Civilians
10	7	0	68

FORCE STRUCTURE CHANGES:

	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	-1	0	0	0	0	0	-1
TOTAL	-1	0	0	0	0	0	-1

BASE POPULATION (Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
10	7	0	67

PERSONNEL REALIGNMENTS:
To Base: BUPERS, MEMPHIS, TN

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	0	7	0	0	7
Enlisted	0	0	0	5	0	0	5
Students	0	0	0	0	0	0	0
Civilians	0	0	0	57	0	0	57
TOTAL	0	0	0	69	0	0	69

TOTAL PERSONNEL REALIGNMENTS (Out of NCCOSC NRAD SAN DGO, CA):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	0	7	0	0	7
Enlisted	0	0	0	5	0	0	5
Students	0	0	0	0	0	0	0
Civilians	0	0	0	57	0	0	57
TOTAL	0	0	0	69	0	0	69

SCENARIO POSITION CHANGES:

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	0	-3	0	0	-3
Enlisted	0	0	0	-2	0	0	-2
Civilians	0	0	-10	0	0	0	-10
TOTAL	0	0	-10	-5	0	0	-15

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
0	0	0	0

PERSONNEL SUMMARY FOR: BUPERS, MEMPHIS, TN

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

Officers	Enlisted	Students	Civilians
807	3,504	0	1,358

PERSONNEL SUMMARY REPORT (COBRA v5.08) - Page 2
Data As Of 18:14 06/11/1995, Report Created 18:15 06/11/1995

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : C:\COBRA95\NAVY\DONE\NHRC001.CBR
Std Fctrs File : C:\COBRA95\NAVY\N95DBOF.SFF

PERSONNEL REALIGNMENTS:
From Base: NCCOSC NRAD SAN DGO, CA

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	0	7	0	0	7
Enlisted	0	0	0	5	0	0	5
Students	0	0	0	0	0	0	0
Civilians	0	0	0	57	0	0	57
TOTAL	0	0	0	69	0	0	69

TOTAL PERSONNEL REALIGNMENTS (Into BUPERS, MEMPHIS, TN):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	0	7	0	0	7
Enlisted	0	0	0	5	0	0	5
Students	0	0	0	0	0	0	0
Civilians	0	0	0	57	0	0	57
TOTAL	0	0	0	69	0	0	69

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
814	3,509	0	1,415

TOTAL PERSONNEL IMPACT REPORT (COBRA v5.08) - Page 1/3
Data As Of 18:14 06/11/1995, Report Created 18:15 06/11/1995

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : C:\COBRA95\NAVY\DONE\NHRC001.CBR
Std Fctrs File : C:\COBRA95\NAVY\N95DBOF.SFF

	Rate	1996	1997	1998	1999	2000	2001	Total
CIVILIAN POSITIONS REALIGNING OUT		0	0	0	57	0	0	57
Early Retirement*	10.00%	0	0	0	6	0	0	6
Regular Retirement*	5.00%	0	0	0	3	0	0	3
Civilian Turnover*	15.00%	0	0	0	9	0	0	9
Civs Not Moving (RIFs)*+		0	0	0	3	0	0	3
Civilians Moving (the remainder)		0	0	0	36	0	0	36
Civilian Positions Available		0	0	0	21	0	0	21
CIVILIAN POSITIONS ELIMINATED		0	0	10	0	0	0	10
Early Retirement	10.00%	0	0	1	0	0	0	1
Regular Retirement	5.00%	0	0	1	0	0	0	1
Civilian Turnover	15.00%	0	0	2	0	0	0	2
Civs Not Moving (RIFs)*+		0	0	1	0	0	0	1
Priority Placement#	60.00%	0	0	5	0	0	0	5
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	57	0	0	57
Civilians Moving		0	0	0	36	0	0	36
New Civilians Hired		0	0	0	21	0	0	21
Other Civilian Additions		0	0	0	0	0	0	0
TOTAL CIVILIAN EARLY RETIRMENTS		0	0	1	6	0	0	7
TOTAL CIVILIAN RIFS		0	0	1	3	0	0	4
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	0	5	0	0	0	5
TOTAL CIVILIAN NEW HIRES		0	0	0	21	0	0	21

* 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%

PERSONNEL IMPACT REPORT (COBRA v5.08) - Page 2/3
Data As Of 18:14 06/11/1995, Report Created 18:15 06/11/1995

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : C:\COBRA95\NAVY\DONE\NHRC001.CBR
Std Fctrs File : C:\COBRA95\NAVY\N95DBOF.SFF

Base: NCCOSC NRAD SAN DGO, CA	Rate	1996	1997	1998	1999	2000	2001	Total
CIVILIAN POSITIONS REALIGNING OUT		0	0	0	57	0	0	57
Early Retirement*	10.00%	0	0	0	6	0	0	6
Regular Retirement*	5.00%	0	0	0	3	0	0	3
Civilian Turnover*	15.00%	0	0	0	9	0	0	9
Civs Not Moving (RIFs)*	6.00%	0	0	0	3	0	0	3
Civilians Moving (the remainder)		0	0	0	36	0	0	36
Civilian Positions Available		0	0	0	21	0	0	21
CIVILIAN POSITIONS ELIMINATED		0	0	10	0	0	0	10
Early Retirement	10.00%	0	0	1	0	0	0	1
Regular Retirement	5.00%	0	0	1	0	0	0	1
Civilian Turnover	15.00%	0	0	2	0	0	0	2
Civs Not Moving (RIFs)*	6.00%	0	0	1	0	0	0	1
Priority Placement#	60.00%	0	0	5	0	0	0	5
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	1	6	0	0	7
TOTAL CIVILIAN RIFS		0	0	1	3	0	0	4
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	0	5	0	0	0	5
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%

PERSONNEL IMPACT REPORT (COBRA v5.08) - Page 3/3
Data As Of 18:14 06/11/1995, Report Created 18:15 06/11/1995

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : C:\COBRA95\NAVY\DONE\NHRC001.CBR
Std Fctrs File : C:\COBRA95\NAVY\N95DBOF.SFF

Base: BUPERS, MEMPHIS, TN	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	57	0	0	57
Civilians Moving		0	0	0	36	0	0	36
New Civilians Hired		0	0	0	21	0	0	21
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	21	0	0	21

* 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 1/9
Data As Of 18:14 06/11/1995, Report Created 18:15 06/11/1995

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : C:\COBRA95\NAVY\DONE\NHRC001.CBR
Std Fctrs File : C:\COBRA95\NAVY\N95DBOF.SFF

ONE-TIME COSTS -----($K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	615	0	6,831	0	0	0	7,446
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	0	21	64	0	0	85
Civ Retire	0	0	5	29	0	0	34
CIV MOVING							
Per Diem	0	0	0	110	0	0	110
POV Miles	0	0	0	12	0	0	12
Home Purch	0	0	0	426	0	0	426
HHG	0	0	0	267	0	0	267
Misc	0	0	0	25	0	0	25
House Hunt	0	0	0	106	0	0	106
PPS	0	0	86	0	0	0	86
RITA	0	0	0	190	0	0	190
FREIGHT							
Packing	0	0	0	12	0	0	12
Freight	0	0	0	84	0	0	84
Vehicles	0	0	0	0	0	0	0
Driving	0	0	0	2	0	0	2
Unemployment	0	0	3	9	0	0	12
OTHER							
Program Plan	214	161	120	90	0	0	586
Shutdown	0	0	7	49	0	0	56
New Hire	0	0	0	0	0	0	0
1-Time Move	0	0	0	0	0	0	0
MIL PERSONNEL							
MIL MOVING							
Per Diem	0	0	0	5	0	0	5
POV Miles	0	0	0	4	0	0	4
HHG	0	0	0	52	0	0	52
Misc	0	0	0	8	0	0	8
OTHER							
Elim PCS	0	0	0	16	0	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
TOTAL ONE-TIME	829	161	7,074	1,565	0	0	9,628

TOTAL APPROPRIATIONS DETAIL REPORT (COBRA v5.08) - Page 2/9
Data As Of 18:14 06/11/1995, Report Created 18:15 06/11/1995

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : C:\COBRA95\NAVY\DONE\NHRC001.CBR
Std Fctrs File : C:\COBRA95\NAVY\N95DBOF.SFF

RECURRINGCOSTS -----($K)-----	1996	1997	1998	1999	2000	2001	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	0	0	0	0	0	0	0
BOS	0	0	0	112	112	112	335	112
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	58	58	58	175	58
OTHER								
Mission	0	0	0	427	427	427	1,281	427
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	597	597	597	1,792	597
TOTAL COST	829	161	7,074	2,162	597	597	11,420	597

ONE-TIME SAVES -----($K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	680	0	0	0	0	0	680
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	11	0	0	11
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	680	0	0	11	0	0	691

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	13	130	243	243	629	243
BOS	0	0	50	76	756	756	1,638	756
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	0	273	547	547	547	1,914	547
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Off Salary	0	0	0	115	230	230	576	230
Enl Salary	0	0	0	33	66	66	166	66
House Allow	0	0	0	62	62	62	187	62
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	0	45	45	45	135	45
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	337	1,009	1,950	1,950	5,246	1,950
TOTAL SAVINGS	680	0	337	1,019	1,950	1,950	5,937	1,950

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : C:\COBRA95\NAVY\DONE\NHRC001.CBR
Std Fctrs File : C:\COBRA95\NAVY\N95DBOF.SFF

ONE-TIME NET -----($K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	-65	0	6,831	0	0	0	6,766
Fam Housing	0	0	0	0	0	0	0
O&M							
Civ Retir/RIF	0	0	26	93	0	0	120
Civ Moving	0	0	86	1,236	0	0	1,322
Other	214	161	130	149	0	0	655
MIL PERSONNEL							
Mil Moving	0	0	0	75	0	0	75
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	149	161	7,074	1,554	0	0	8,938

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	-13	-130	-243	-243	-629	-243
BOS	0	0	-50	36	-644	-644	-1,303	-644
Unique Operat	0	0	0	0	0	0	0	0
Caretaker	0	0	0	0	0	0	0	0
Civ Salary	0	0	-273	-547	-547	-547	-1,914	-547
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Salary	0	0	0	-148	-297	-297	-742	-297
House Allow	0	0	0	-4	-4	-4	-12	-4
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	0	382	382	382	1,146	382
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	-337	-411	-1,353	-1,353	-3,454	-1,353
TOTAL NET COST	149	161	6,737	1,142	-1,353	-1,353	5,483	-1,353

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : C:\COBRA95\NAVY\DONE\NHRC001.CBR
Std Fctrs File : C:\COBRA95\NAVY\N95DBOF.SFF

Base: NCCOSC NRAD SAN DGO, 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	21	64	0	0	85
Civ Retire	0	0	5	29	0	0	34
CIV MOVING							
Per Diem	0	0	0	110	0	0	110
POV Miles	0	0	0	12	0	0	12
Home Purch	0	0	0	426	0	0	426
HHG	0	0	0	267	0	0	267
Misc	0	0	0	25	0	0	25
House Hunt	0	0	0	106	0	0	106
PPS	0	0	86	0	0	0	86
RITA	0	0	0	190	0	0	190
FREIGHT							
Packing	0	0	0	12	0	0	12
Freight	0	0	0	84	0	0	84
Vehicles	0	0	0	0	0	0	0
Driving	0	0	0	2	0	0	2
Unemployment	0	0	3	9	0	0	12
OTHER							
Program Plan	214	161	120	90	0	0	586
Shutdown	0	0	7	49	0	0	56
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	5	0	0	5
POV Miles	0	0	0	4	0	0	4
HHG	0	0	0	52	0	0	52
Misc	0	0	0	8	0	0	8
OTHER							
Elim PCS	0	0	0	16	0	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
TOTAL ONE-TIME	214	161	243	1,565	0	0	2,182

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : C:\COBRA95\NAVY\DONE\NHRC001.CBR
Std Fctrs File : C:\COBRA95\NAVY\N95DBOF.SFF

Base: NCCOSC NRAD SAN DGO, 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	427	427	427	1,281	427
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	427	427	427	1,281	427
TOTAL COSTS	214	161	243	1,992	427	427	3,463	427

ONE-TIME SAVES -----($K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	680	0	0	0	0	0	680
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	11	0	0	11
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	680	0	0	11	0	0	691

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	13	130	243	243	629	243
BOS	0	0	50	76	756	756	1,638	756
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	0	273	547	547	547	1,914	547
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Off Salary	0	0	0	115	230	230	576	230
Enl Salary	0	0	0	33	66	66	166	66
House Allow	0	0	0	62	62	62	187	62
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	0	45	45	45	135	45
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	337	1,009	1,950	1,950	5,246	1,950
TOTAL SAVINGS	680	0	337	1,019	1,950	1,950	5,937	1,950

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : C:\COBRA95\NAVY\DONE\NHRC001.CBR
Std Fctrs File : C:\COBRA95\NAVY\N95DBOF.SFF

Base: NCCOSC NRAD SAN DGO, CA

ONE-TIME NET -----($K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	-680	0	0	0	0	0	-680
Fam Housing	0	0	0	0	0	0	0
O&M							
Civ Retir/RIF	0	0	26	93	0	0	120
Civ Moving	0	0	86	1,236	0	0	1,322
Other	214	161	130	149	0	0	655
MIL PERSONNEL							
Mil Moving	0	0	0	75	0	0	75
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	-466	161	243	1,554	0	0	1,492

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	-13	-130	-243	-243	-629	-243
BOS	0	0	-50	-76	-756	-756	-1,638	-756
Unique Operat	0	0	0	0	0	0	0	0
Caretaker	0	0	0	0	0	0	0	0
Civ Salary	0	0	-273	-547	-547	-547	-1,914	-547
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Salary	0	0	0	-148	-297	-297	-742	-297
House Allow	0	0	0	-62	-62	-62	-187	-62
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	0	382	382	382	1,146	382
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	-337	-582	-1,523	-1,523	-3,965	-1,523
TOTAL NET COST	-466	161	-94	972	-1,523	-1,523	-2,473	-1,523

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : C:\COBRA95\NAVY\DONE\NHRC001.CBR
Std Fctrs File : C:\COBRA95\NAVY\N95DBOF.SFF

Base: BUPERS, MEMPHIS, TN

ONE-TIME COSTS -----($K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	615	0	6,831	0	0	0	7,446
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	615	0	6,831	0	0	0	7,446

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : C:\COBRA95\NAVY\DONE\NHRC001.CBR
Std Fctrs File : C:\COBRA95\NAVY\N95DBOF.SFF

Base: BUPERS, MEMPHIS, TN

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	112	112	112	335	112
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	58	58	58	175	58
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	112	112	112	511	170
TOTAL COSTS	615	0	6,831	170	170	170	7,957	170

ONE-TIME SAVES -----($K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	0	0	0	0	0	0	0
Fam Housing	0	0	0	0	0	0	0
O&M							
1-Time Move	0	0	0	0	0	0	0
MIL PERSONNEL							
Mil Moving	0	0	0	0	0	0	0
OTHER							
Land Sales	0	0	0	0	0	0	0
Environmental	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0
TOTAL ONE-TIME	0	0	0	0	0	0	0

RECURRINGSAVES -----($K)-----	1996	1997	1998	1999	2000	2001	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	0	0	0	0	0	0	0
BOS	0	0	0	0	0	0	0	0
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Off Salary	0	0	0	0	0	0	0	0
Enl Salary	0	0	0	0	0	0	0	0
House Allow	0	0	0	0	0	0	0	0
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	0	0	0	0	0	0
TOTAL SAVINGS	0	0	0	0	0	0	0	0

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Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : C:\COBRA95\NAVY\DONE\NHRC001.CBR
Std Fctrs File : C:\COBRA95\NAVY\N95DBOF.SFF

Base: BUPERS, MEMPHIS, TN

ONE-TIME NET -----($K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	615	0	6,831	0	0	0	7,446
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	615	0	6,831	0	0	0	7,446

RECURRING NET -----($K)-----	1996	1997	1998	1999	2000	2001	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	0	0	0	0	0	0	0
BOS	0	0	0	112	112	112	335	112
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	58	58	58	175	58
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	170	170	170	511	170
TOTAL NET COST	615	0	6,831	170	170	170	7,957	170

PERSONNEL, SF, RPMA, AND BOS DELTAS (COBRA v5.08)
Data As Of 18:14 06/11/1995, Report Created 18:15 06/11/1995

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : C:\COBRA95\NAVY\DONE\NHRC001.CBR
Std Fctrs File : C:\COBRA95\NAVY\N95DBOF.SFF

	Personnel		SF		
Base	Change	%Change	Change	%Change	Chg/Per
NCCOSC NRAD SAN DGO	-84	-100%	-45,000	-100%	536
BUPERS, MEMPHIS	69	1%	0	0%	0

	RPMA($)			BOS($)		
Base	Change	%Change	Chg/Per	Change	%Change	Chg/Per
NCCOSC NRAD SAN DGO	-243,000	-100%	2,893	-756,000	-100%	9,000
BUPERS, MEMPHIS	0	0%	0	111,842	1%	1,621

	RPMABOS($)		
Base	Change	%Change	Chg/Per
NCCOSC NRAD SAN DGO	-999,000	-100%	11,893
BUPERS, MEMPHIS	111,842	1%	1,621

RPMA/BOS CHANGE REPORT (COBRA v5.08)
Data As Of 18:14 06/11/1995, Report Created 18:15 06/11/1995

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
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Net Change($K)	1996	1997	1998	1999	2000	2001	Total	Beyond
RPMA Change	0	0	-13	-130	-243	-243	-629	-243
BOS Change	0	0	-50	36	-644	-644	-1,303	-644
Housing Change	0	0	0	0	0	0	0	0
TOTAL CHANGES	0	0	-63	-94	-887	-887	-1,932	-887

INPUT DATA REPORT (COBRA v5.08)
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Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : C:\COBRA95\NAVY\DONE\NHRC001.CBR
Std Fctrs File : C:\COBRA95\NAVY\N95DBOF.SFF

INPUT SCREEN ONE - GENERAL SCENARIO INFORMATION

Model Year One : FY 1996

Model does Time-Phasing of Construction/Shutdown: Yes

Base Name	Strategy:
NCCOSC NRAD SAN DGO, CA	Closes in FY 1999
BUPERS, MEMPHIS, TN	Realignment

Summary:

COMMISSION MODIFIED COBRA.
LET COBRA CALCULATE MILCON VICE NAVY ESTIMATES.

SCENARIO 074

INPUT SCREEN TWO - DISTANCE TABLE

From Base:	To Base:	Distance:
NCCOSC NRAD SAN DGO, CA	BUPERS, MEMPHIS, TN	1,797 mi

INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from NCCOSC NRAD SAN DGO, CA to BUPERS, MEMPHIS, TN

	1996	1997	1998	1999	2000	2001
Officer Positions:	0	0	0	7	0	0
Enlisted Positions:	0	0	0	5	0	0
Civilian Positions:	0	0	0	57	0	0
Student Positions:	0	0	0	0	0	0
Missn Eqpt (tons):	0	0	0	115	0	0
Suppt Eqpt (tons):	0	0	0	85	0	0
Military Light Vehicles:	0	0	0	4	0	0
Heavy/Special Vehicles:	0	0	0	0	0	0

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: NCCOSC NRAD SAN DGO, CA

Total Officer Employees:	10	RPMA Non-Payroll ($K/Year):	243
Total Enlisted Employees:	7	Communications ($K/Year):	0
Total Student Employees:	0	BOS Non-Payroll ($K/Year):	765
Total Civilian Employees:	68	BOS Payroll ($K/Year):	1,403
Mil Families Living On Base:	19.1%	Family Housing ($K/Year):	0
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	1.16
Officer Housing Units Avail:	0	CHAMPUS In-Pat ($/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat ($/Visit):	0
Total Base Facilities(KSF):	45	CHAMPUS Shift to Medicare:	0.0%
Officer VHA ($/Month):	353	Activity Code:	66001
Enlisted VHA ($/Month):	224		
Per Diem Rate ($/Day):	116	Homeowner Assistance Program:	No
Freight Cost ($/Ton/Mile):	0.07	Unique Activity Information:	No

INPUT DATA REPORT (COBRA v5.08) - Page 2
Data As Of 18:14 06/11/1995, Report Created 18:15 06/11/1995

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : C:\COBRA95\NAVY\DONE\NHRC001.CBR
Std Fctrs File : C:\COBRA95\NAVY\N95DBOF.$FF

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: BUPERS, MEMPHIS, TN

Total Officer Employees:	807	RPMA Non-Payroll ($K/Year):	840
Total Enlisted Employees:	3,504	Communications ($K/Year):	0
Total Student Employees:	0	BOS Non-Payroll ($K/Year):	17,064
Total Civilian Employees:	1,358	BOS Payroll ($K/Year):	21,751
Mil Families Living On Base:	35.0%	Family Housing ($K/Year):	184
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	0.91
Officer Housing Units Avail:	0	CHAMPUS In-Pat ($/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat ($/Visit):	0
Total Base Facilities(KSF):	129	CHAMPUS Shift to Medicare:	0.0%
Officer VHA ($/Month):	34	Activity Code:	00022
Enlisted VHA ($/Month):	28		
Per Diem Rate ($/Day):	87	Homeowner Assistance Program:	No
Freight Cost ($/Ton/Mile):	0.07	Unique Activity Information:	No

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: NCCOSC NRAD SAN DGO, 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	427	427	427
Activ Mission Save ($K):	0	0	0	45	45	45
Misc Recurring Cost($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($K):	680	0	0	0	0	0
Fam Housing Avoidnc($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): 45 Perc Family Housing ShutDown: 0.0%

Name: BUPERS, MEMPHIS, TN

	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%

INPUT DATA REPORT (COBRA v5.08) - Page 3
Data As Of 18:14 06/11/1995, Report Created 18:15 06/11/1995

Department : NAVY
Option Package : NHRC SAN DIEGO, CA
Scenario File : C:\COBRA95\NAVY\DONE\NHRC001.CBR
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INPUT SCREEN SIX - BASE PERSONNEL INFORMATION

Name: NCCOSC NRAD SAN DGO, CA

	1996	1997	1998	1999	2000	2001
Off Force Struc Change:	0	0	0	0	0	0
Enl Force Struc Change:	0	0	0	0	0	0
Civ Force Struc Change:	-1	0	0	0	0	0
Stu Force Struc Change:	0	0	0	0	0	0
Off Scenario Change:	0	0	0	-3	0	0
Enl Scenario Change:	0	0	0	-2	0	0
Civ Scenario Change:	0	0	-10	0	0	0
Off Change(No Sal Save):	0	0	0	0	0	0
Enl Change(No Sal Save):	0	0	0	0	0	0
Civ Change(No Sal Save):	0	0	0	0	0	0
Caretakers - Military:	0	0	0	0	0	0
Caretakers - Civilian:	0	0	0	0	0	0

INPUT SCREEN SEVEN - BASE MILITARY CONSTRUCTION INFORMATION

Name: BUPERS, MEMPHIS, TN

Description	Categ	New MilCon	Rehab MilCon	Total Cost($K)
ADMINISTRATIVE	ADMIN	0	10,650	0
STORAGE FACILITIES	STORA	0	2,020	0
RDT&E FACILITIES	RDT&E	0	32,330	0

STANDARD FACTORS SCREEN ONE - PERSONNEL

Percent Officers Married:	71.70%	Civ Early Retire Pay Factor:	9.00%
Percent Enlisted Married:	60.10%	Priority Placement Service:	60.00%
Enlisted Housing MilCon:	98.00%	PPS Actions Involving PCS:	50.00%
Officer Salary($/Year):	76,781.00	Civilian PCS Costs ($):	28,800.00
Off BAQ with Dependents($):	7,925.00	Civilian New Hire Cost($):	0.00
Enlisted Salary($/Year):	33,178.00	Nat Median Home Price($):	114,600.00
Enl BAQ with Dependents($):	5,251.00	Home Sale Reimburse Rate:	10.00%
Avg Unemploy Cost($/Week):	174.00	Max Home Sale Reimburs($):	22,385.00
Unemployment Eligibility(Weeks):	18	Home Purch Reimburse Rate:	5.00%
Civilian Salary($/Year):	54,694.00	Max Home Purch Reimburs($):	11,191.00
Civilian Turnover Rate:	15.00%	Civilian Homeowning Rate:	64.00%
Civilian Early Retire Rate:	10.00%	HAP Home Value Reimburse Rate:	22.90%
Civilian Regular Retire Rate:	5.00%	HAP Homeowner Receiving Rate:	5.00%
Civilian RIF Pay Factor:	39.00%	RSE Home Value Reimburse Rate:	0.00%
SF File Desc:	NAVY DBOF BRAC95	RSE Homeowner Receiving Rate:	0.00%

STANDARD FACTORS SCREEN TWO - FACILITIES

RPMA Building SF Cost Index:	0.93	Rehab vs. New MilCon Cost:	75.00%
BOS Index (RPMA vs population):	0.54	Info Management Account:	0.00%
(Indices are used as exponents)		MilCon Design Rate:	9.00%
Program Management Factor:	10.00%	MilCon SIOH Rate:	6.00%
Caretaker Admin(SF/Care):	162.00	MilCon Contingency Plan Rate:	5.00%
Mothball Cost ($/SF):	1.25	MilCon Site Preparation Rate:	39.00%
Avg Bachelor Quarters(SF):	294.00	Discount Rate for NPV.RPT/ROI:	2.75%
Avg Family Quarters(SF):	1.00	Inflation Rate for NPV.RPT/ROI:	0.00%

APPDET.RPT Inflation Rates:
1996: 0.00% 1997: 2.90% 1998: 3.00% 1999: 3.00% 2000: 3.00% 2001: 3.00%

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Department : NAVY
Option Package : NHRC SAN DIEGO, CA
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STANDARD FACTORS SCREEN THREE - TRANSPORTATION

Material/Assigned Person(Lb):	710	Equip Pack & Crate($/Ton):	284.00
HHG Per Off Family (Lb):	14,500.00	Mil Light Vehicle($/Mile):	0.31
HHG Per Enl Family (Lb):	9,000.00	Heavy/Spec Vehicle($/Mile):	3.38
HHG Per Mil Single (Lb):	6,400.00	POV Reimbursement($/Mile):	0.18
HHG Per Civilian (Lb):	18,000.00	Avg Mil Tour Length (Years):	4.17
Total HHG Cost ($/100Lb):	35.00	Routine PCS($/Pers/Tour):	3,763.00
Air Transport ($/Pass Mile):	0.20	One-Time Off PCS Cost($):	4,527.00
Misc Exp ($/Direct Employ):	700.00	One-Time Enl PCS Cost($):	1,403.00

STANDARD FACTORS SCREEN FOUR - MILITARY CONSTRUCTION

Category	UM	$/UM	Category	UM	$/UM
Horizontal	(SY)	61	Optional Category A	( )	0
Waterfront	(LF)	10,350	Optional Category B	( )	0
Air Operations	(SF)	122	Optional Category C	( )	0
Operational	(SF)	111	Optional Category D	( )	0
Administrative	(SF)	123	Optional Category E	( )	0
School Buildings	(SF)	108	Optional Category F	( )	0
Maintenance Shops	(SF)	102	Optional Category G	( )	0
Bachelor Quarters	(SF)	96	Optional Category H	( )	0
Family Quarters	(EA)	78,750	Optional Category I	( )	0
Covered Storage	(SF)	94	Optional Category J	( )	0
Dining Facilities	(SF)	165	Optional Category K	( )	0
Recreation Facilities	(SF)	120	Optional Category L	( )	0
Communications Facil	(SF)	165	Optional Category M	( )	0
Shipyard Maintenance	(SF)	129	Optional Category N	( )	0
RDT & E Facilities	(SF)	160	Optional Category O	( )	0
POL Storage	(BL)	12	Optional Category P	( )	0
Ammunition Storage	(SF)	160	Optional Category Q	( )	0
Medical Facilities	(SF)	168	Optional Category R	( )	0
Environmental	( )	0			

EXPLANATORY NOTES (INPUT SCREEN NINE)

1. Let COBRA calculate Rehab costs vice Navy estimates.