

DEFENSE BASE CLOSURE AND REALIGNMENT COMMISSION

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June 6, 2005

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FROM: BRAC Commission

SUBJECT: Request comment on included questions about closure, Ft Monmouth

1. The justification for the recommendation to "Relocate the US Army Military Academy Preparatory School to West Point, NY" states that this move "increases training to enhance coordination, doctrine development, training effectiveness and improve operational and functional efficiencies". Please discuss these improvements.
2. Part of the recommendation is to "Relocate the Joint Network Management System Program Office to Fort Meade, MD." What are the functions that these personnel perform, and what is the efficiency that will be gained from this movement?
3. Please elaborate on the functions and mission of people impacted by the recommendation to "Relocate Information Systems, Sensors, Electronic Warfare, and Electronics Research and Development & Acquisition (RDA) to Aberdeen Proving Ground, MD."
4. Are there any drawbacks to consolidating the PEO EIS functions at Ft. Belvoir?
5. An additional part of the recommendation is to: "Relocate the Budget/Funding, Contracting, Cataloging, Requisition Processing, Customer Services, Item Management, Stock Control, Weapon System Secondary Item Support, Requirements Determination, Integrated Materiel Management Technical Support Inventory Control Point functions for Consumable Items to Defense Supply Center Columbus, OH, and reestablish them as Defense Logistics Agency Inventory Control Point functions; relocate the procurement management and related support functions for Depot Level Repairables to Aberdeen Proving Ground, MD, and designate them as Inventory Control Point functions, detachment of Defense Supply Center Columbus, OH, and relocate the remaining integrated materiel management, user, and related support

functions to Aberdeen Proving Ground, MD. How are these functions currently performed and organized? Can you please articulate the efficiencies which will be gained through this movement.

6. Please discuss the recommendation to "Realign Fort Belvoir, VA by relocating and consolidating Sensors, Electronics, and Electronic Warfare Research, Development and Acquisition activities to Aberdeen Proving Ground, MD, and by relocating and consolidating Information Systems Research and Development and Acquisition (except for the Program Executive Office, Enterprise Information Systems) to Aberdeen Proving Ground, MD" and the benefits from the justification that state: "The recommendation establishes a Land C4ISR Lifecycle Management Command (LCMC) to focus technical activity and accelerate transition."

7. Are there any concerns regarding the payback portion which states: "The total estimated one-time cost to the Department of Defense to implement this recommendation is \$822.3M. The net of all costs and savings to the Department of Defense during the implementation period is a cost of \$395.6M. Annual recurring savings to the Department after implementation are \$143.7M with a payback expected in 6 years."

8. Is there any additional information that you would like to communicate that might impact on these recommendations?

9. In unclassified terms, please name and describe all laboratory, test and certification facilities. Please note specifically: estimated time to newly construct each of those facilities to include time to achieve any required certifications; any certifications required; estimated cost to newly construct; length of time that old and new facilities would need to be co-operational before old facility could be "turned off".

10. In unclassified format, what support to legacy systems or technology will need to be reconstituted in Aberdeen?

11. In unclassified format, please note and discuss any unique features of the Ft. Monmouth installation itself, to include any support to outside organizations or agencies. Is the impact to these organizations discussed in the recommendation? If not, please describe any impacts like relocation or potential continued operation in place.

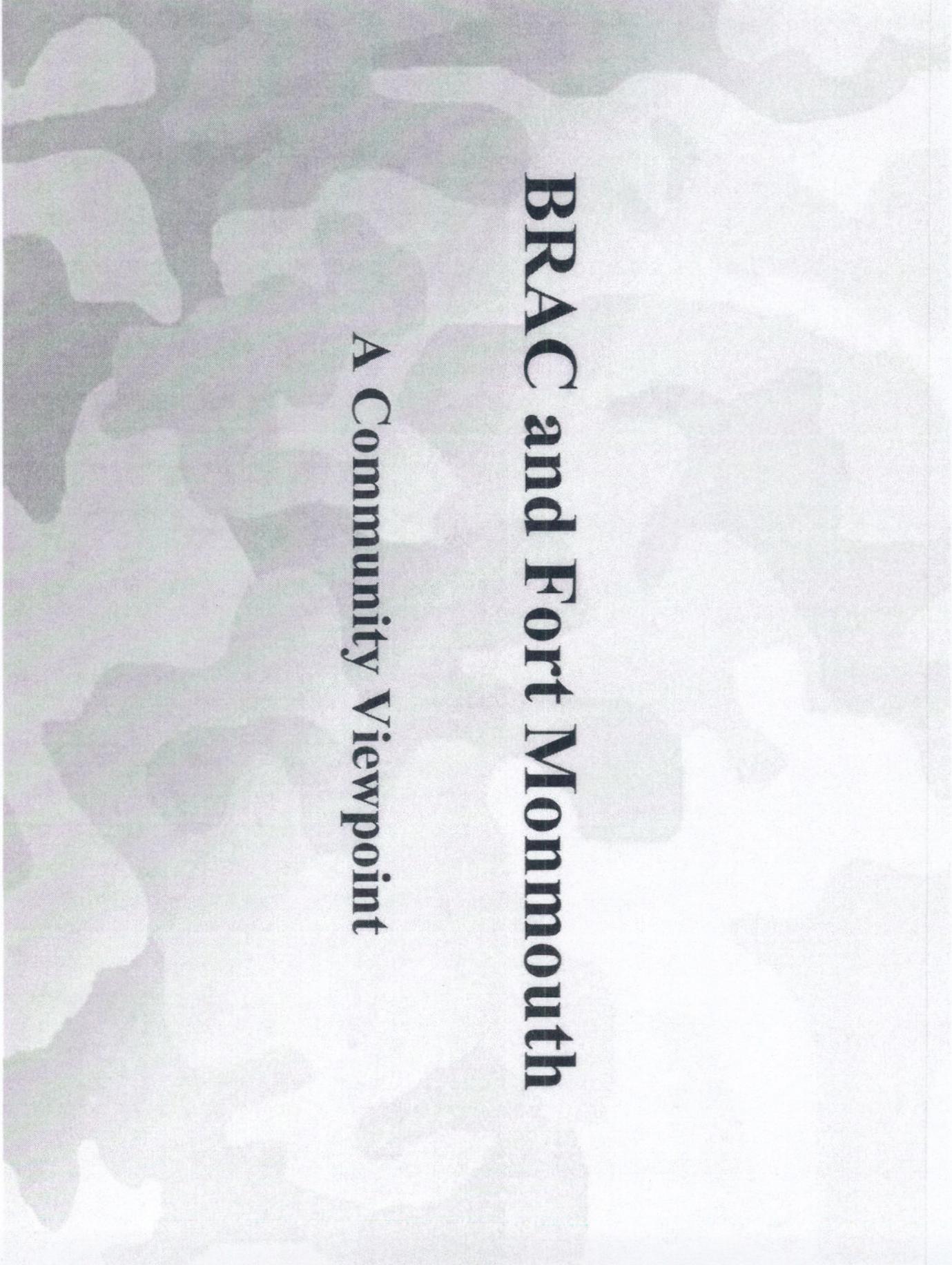
12. In unclassified format, describe the relationship between Ft. Monmouth, Ft. Dix, Lakehurst NAS and Willow Grove. Include descriptions of acreage, facilities, current Ft. Monmouth usage of that location, and average yearly hours or days of Ft. Monmouth use of that facility. How do recommendations regarding Willow Grove impact Ft. Monmouth activities?

13. There has been significant mention of the loss of intellectual capital. Given the current Ft. Monmouth workforce, on average, how many years of experience do senior system personnel have with that system? How long does it take, and what kind of training or education is required for someone to be considered a "system expert"? Is there any way to quantify the impact of the loss of this experience upon a system and the soldier?

14. Are any of the organizations in leased facilities on Ft. Monmouth? If so, name the organization and leased building.
15. How many engineering labs (Army) are there? How do they work with sister Service labs?
16. What is unique about the Ft. Monmouth installation itself?
17. Can the test bed area here be recreated at Aberdeen?
18. How do you (Ft. Monmouth) deal with technology transfers?
19. Why were the facilities at Natick and Adelphi not brought into an Army C4ISR recommendation?
20. Was Homeland Security/Homeland Defense taken into consideration as part of the Ft. Monmouth closure recommendation? If so, how? If not, why not?
21. What were the first and second choice locations ahead of Aberdeen? Why were they rejected? How was Aberdeen deemed the best facility?
22. In looking at the Technical recommendations, there are many joint C4ISR facilities, but no land C4ISR center. Why is there no such recommendation, and how does the recommendation to close Ft. Monmouth fit in with that rationale?

Regards,

R. Gary Dinsick  
Army Team Leader



# **BRAAC and Fort Monmouth**

*A Community Viewpoint*

# Military Value

- **We endorse the Military Value criterion**
- **You have heard from the Fort:**
  - Relevant to the War
  - Transformation Life Cycle process in place
  - Talent ( Government and contactor) creates the military value
  - Center of Mass in C4ISR
- **BRAC rates Monmouth twice as good as Aberdeen in Military Value scores**
  - Why move 100% of the top team to place w/o requisite capability?
  - “Mountain to Mohammed”

# 5 Points

- **1. Intellectual Capital**
  - Losses not considered
  - No other S&E Workforce being closed
- **2. Disruption risk ... not considered**
- **3. So-called “T&E” issue ... red herring**
- **4. Jointness ... not considered**
- **5. Cost credibility**

# 1. Intellectual Capital

- **High skill people create military value**
  - **Especially in C4ISR ... people = critical infrastructure**
  - **It is a Government + Contractor workforce**
  - **NJ Science and Engineering workforce = #1**
  - **No accident that Fort Monmouth succeeds ... NJ communications, IT, electronics culture is strong**
- **LARGE LOSSES ANTICIPATED ... 80%+**
  - **Inconsistent With DoD Technical Workforce Concerns**
- **Cost to regain losses not considered**
  - **Time, \$\$\$, or security impact**

## **Dr. Sega, DDR&E--- “The Department Is Struggling To Recruit Enough Engineers”**

- **Dr. Sega Testimony**
  - **Growing & Increasing Concern**
  - **60% Federal Employees Over 45 Years Old**
  - **Significant Number Of Workforce With Valuable Skills Will Be Eligible For Retirement**
  - **Declining Supply Of U.S. Citizens Awarded Degrees In Defense Related S&E Fields**
  - **DoD Will Face Increased Competition With Domestic & Global Commercial Interests For Top Notch Cleared People**
- **Defense Department Needs To Hire 14,000 E&S Next Year----Federal Times 7 Feb. 2005**

## Statistics--- Ft. Monmouth/Belvoir

Discipline	# People	Degrees BS/BA, M, PhD	Clearances Conf.—TS/SCI
R&D	2055	1688 (82%)	2055 (100%)
DA (PEO/PM)	537	344 (64%)	537 (100%)
Contractors (sample of 9)	1221	804 (72%)	1139 (93%)

- **Highly Technical & Highly Educated Workforce—Gov't & Contractor**
- **Most All Have Security Clearances Secret Or Above**
- **Majority Of Government Workers Are Acquisition Certified**
- **1221 Of Approximately 4000 Contractors Surveyed**
- **Normally Retirement Eligible Stay Until Age 61-----**
  - **BRAC Will Force An Early Decision To Leave**
- **Ft. Monmouth Hired 1599 New People In The Last 4 Years; 86% From Industry & Academia**

## How Many Will Go!!

	Activity	From	To	Total	% Moved
BRAC 95	Signal Warfare	Vint Hill VA.	Ft. Mon. NJ	180	29 (16%)
BRAC 93	Elec. Tech Dev. Lab	Ft. Mon. NJ	Adelphi VA.	300	40 (13%)
1990	TMDE	Ft. Mon NJ	Huntsville AL	40	1 (2%)
1980	Laser Tech Div.	Ft. Mon NJ	Belvoir VA	50	5 (10%)

- Using 20% Going--- We Need 1644 New Hires E & S All Cleared At The Secret To SCI Level---- Just The R&D Staff Considered
- Contractor Statistic For Vint Hill To Ft. Monmouth--- 15 of 150 Moved ----10%

## **2. Disruption**

- **Disruption assured with loss of workforce**
  - **Immediate impact on:**
    - **Rapid response to WAR**
    - **Sustainment of existing systems**
- **Decade-long top priority (C4ISR enablement of Net-centric warfare) ... suddenly disrupted**
  - **Why abandon that priority now?**
- **Cost of program disruption ... not considered**

# 3. T&E Red Herring

## **BRAC Report:**

**“ ... move to gain RDA and T&E efficiencies...”**

## **T&E primer:**

**Monmouth**

**Dix-Lakehurst**

**Huachuca**

**Ft. Hood, etc**

**Aberdeen**

**Component Tests, Demos, Experiments**

**Demos, Experiments**

**Designated Army DT&E Center**

**Large exercises & OT&E**

**none of the above**

## **BRAC Tech JCSG Report:**

**- Never mentions T&E**

**- Internal BRAC Inconsistencies**

# **ELECTRONIC PROVING GROUND, Ft. Huachuca**

## ***THE DESIGNATED TEST LOCATION FOR C4I***

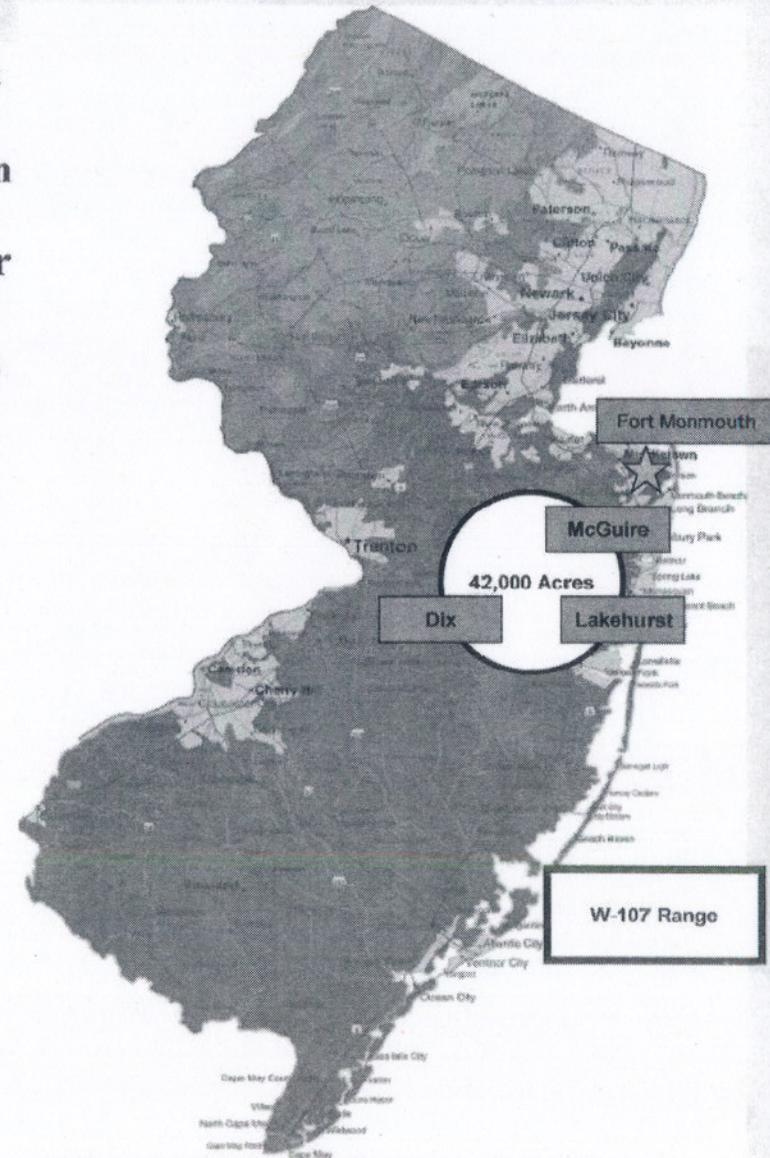
- ***Why There*** ---Remote Location & Environment Free Of Radio-Frequency Interference---A Critical Requirement
- **Examples of Major C4I Systems Tested (All Ft. Monmouth Systems)**
  - Force XXI Battle Command Brigade & Below
  - Stryker-- RSTA; C2; Communications
  - Army Airborne Command & Control System
  - Joint Tactical Radio System
  - Enhanced Position Location Reporting System
  - Suite Of Integrated Infrared Countermeasures System
  - Single Channel Ground & Airborne Radio System
  - Global Positioning System
  - Prophet Signals Intelligence & EW System
  - UAVs With Sensors

## **4. Jointness**

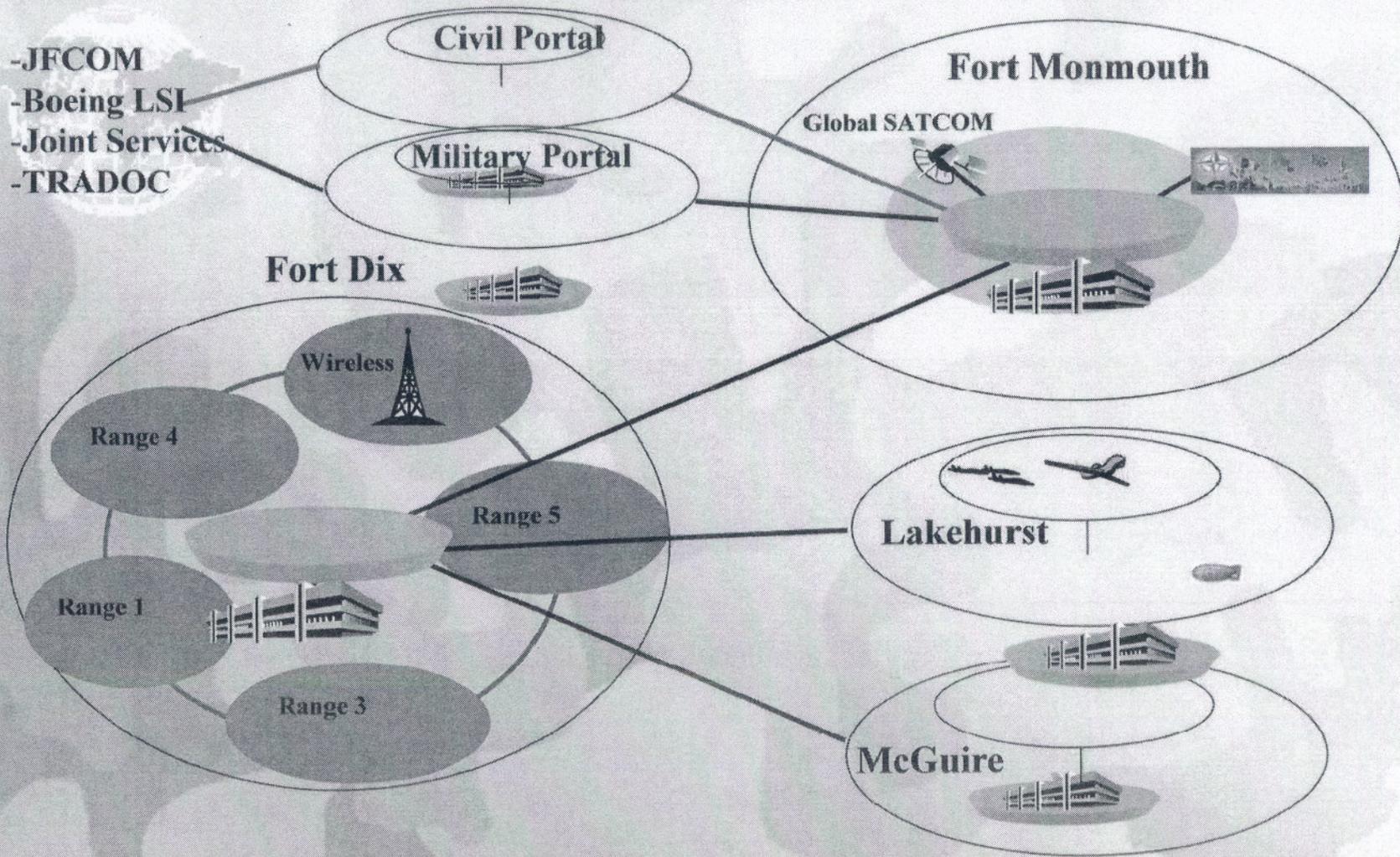
- **A BRAC Criterion ... not addressed**
  - **Nor was the existing Monmouth – Dix/Lake/McGuire Joint capability recognized**
  - **Joint capability = Dix, Lakehurst, McGuire, W-107 and Monmouth ... in close proximity**
- **Monmouth linked to Nearby Joint Complex by high bandwidth ... and then to the rest of DOD**
- **Fort Monmouth currently running many Joint and Intelligence Community projects now**

# JOINT TESTING & EXPERIMENTATION ALREADY IN PLACE

- **Land, Air, & Sea Experimentation In Place & Linked To Premier C4ISR Labs**
  - Air Force, Marine, Army Reserve Participation To Date
- **42,000 Contiguous Land Acres Already Under A Joint Basing Concept**
- **W-107 Provides Connectivity To Ships At Sea**
- **Significant Infrastructure Costs Already In Place**
  - Data Collection
  - Data Analysis
- **Army Test & Evaluation Command, Reserve Units, TRADOC Futures, etc Already Engaged In Yearly Experiments**
- **Experiments Normally Followed By Evaluation At TRADOC School & Active Force Units**
- **>25% of Army Reserve & Guards Located Within 200 Miles Radius**
- **Experiments Bridge Current & Future Force Concepts & Provide Valuable Feedback To Future Technology**



# New Jersey Joint Base Infrastructure



# 5. Cost Credibility

- **80% workforce loss**
  - replacement costs not considered
- **Program disruption costs... not considered**
  - \$\$\$, time or security impact
- **Continuity of ops costs ... not considered**
- **Aviation R&D and demo costs ... not considered**
- **Cost to re-create Dix demo capability at Aberdeen ... not considered**
- **COBRA costs appear understated by \$xxxM**

# Other Considerations

- **Community Impact**
  - 5000 Government Jobs; 15,000 Local Community
  - Approx. \$3B ON NJ GDP
- **NJ Is A Military Friendly And Patriotic State**
- **BRAC Did Not Consider VA Clinic**
- **BRAC Did Not Consider FBI Center**
- **BRAC Did Not Consider Homeland Security**
  - National Research Council Report Of Army C4ISR
  - 911 Commissioner Testimony
  - Proximity To NYC
- **Closing Fort Monmouth Is Unique In BRAC**
  - Only Base Where Entire S&E Workforce Is Dislocated
- **Monmouth County = Top Place To Live**
  - Education, Transportation, Low Crime, Health Care, Recreation

# Summary

- **BRAC Recommendation Not Supportable**
- **Ft. Monmouth Is Critical To The Warfighter**
  - **Now**
  - **And for Future R&D to Acquisition to Field Support challenges**
- **Disruption Will Occur .. Workforce Unlikely To Move**
- **Costs & Security Consequences Of Workforce Losses Was Not Considered**
- **Fort Monmouth Has Strong Joint Position,**  
*Strong Military Value Position--Especially When Compared To The BRAC Recommendation*